



सत्यमेव जयते

# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Government of India)

जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली - 110 075 • G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष/Phone : 91-11-25074100 / 25074200



ORDIV/3/2025-PIU Dhenkanal/E-280855/65

Date: 16.04.2026

To,

All the Participated Bidders  
(As per table below)

**Sub: - Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha - Final Result of Technical Evaluation- regd.**

(Tender ID: 2025\_NHA\_255507\_1)

Ref: Technical Result dated 25.03.2026

Sir,

This has reference to RFP invited for above subject consultancy work dated 14.11.2025. Based on the bids and subsequent representations received, the Technical Evaluation has been completed. The final result of Technical Evaluation is as tabulated below:

| S. No | Firm                                                                                                                                       | Total Marks    | Rank                                                                                     |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------|
| 1.    | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | 84.34          | H-1                                                                                      |
| 2.    | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | 78.99          | H-2                                                                                      |
| 3.    | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | 76.43          | H-3                                                                                      |
| 4.    | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Non-Responsive | Non-Responsive as per Clause 3.2.4 (ii) & 5.2 "Letter of Invitation" section of the RFP. |
| 5.    | M/s Almondz Global Infra-Consultant Limited in JV with M/s EKAM Venture in Association with M/s Ekamra Technocrats (OPC) (P) Ltd.          | Non-Responsive | Nonresponsive as per Clause 3.1.3 & 5.2 "Letter of Invitation" section of the RFP.       |
| 6.    | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd                                                | Non-Responsive | Non-Responsive as per Clause 3.1.3 "Letter of Invitation" section of the RFP.            |

2. The aforementioned result is being published for kind information of all the participated bidders.

This issues with the approval of Competent Authority.

Yours faithfully,

*(Signature)* 16/04/26

(Ashvini Rai)

General Manager (Tech.)-Odisha

**Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.**

### List of Applicants

Name of the Project

**Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.**

Length of Project (in KM)

68.28

| Applicant No:- | Name of the Applicant                                                                                                                      | Status of the Applicant Sole/JV/ Association |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 1              | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Sole with Association                        |
| 2              | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Sole with Association                        |
| 3              | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | JV with Association                          |
| 4              | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | JV with Association                          |
| 5              | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               | JV with Association                          |
| 6              | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                               | JV                                           |

| Annual Average Turnover                                                                                                                                                                                                            |                                                                                                                                                    |                                                       |                                                               |                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                    |                                                       |                                                               |                                                                            |
| S.No                                                                                                                                                                                                                               | Name of Consultancy Firm/Entity<br>(Sole Bidder/Bidder in JV)                                                                                      | Status of the<br>Applicant<br>Sole/JV/<br>Association | Annual Average Turnover in<br>Last 5 years 2020-21 to 2024-25 | Total Annual Average<br>Turnover in the last 5 years<br>2020-21 to 2024-25 |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs & Research (P) Ltd.<br>In Association with M/s Sai<br>Geotechnical Lab.                                                            | Sole with<br>Association                              | 73.54                                                         | 73.54                                                                      |
| 2                                                                                                                                                                                                                                  | M/s L N Malviya Infra Projects (P)<br>Ltd. In Association with M/s<br>Innovative Cadd Centre.                                                      | Sole with<br>Association                              | 241.37                                                        | 241.37                                                                     |
| 3                                                                                                                                                                                                                                  | M/s Aicons Engineering (P) Ltd. In JV<br>with M/s Yongma Engineering Co.<br>Ltd. In Association with M/s Nitya<br>Nayra Civil Solutions (P) Ltd.   | JV with<br>Association                                | 12.92<br>182.81                                               | 195.73                                                                     |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC In JV<br>with M/s Vedom Engineering<br>Services (P) Ltd. In Association with<br>Techhub Engineering & Advisory (P)<br>Ltd. | JV with<br>Association                                | 127.85<br>6.99                                                | 134.84                                                                     |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra<br>Consultant Ltd. In JV with Ekam<br>Venture In Association with Ekamra<br>Technocrats (OPC) (P) Ltd.                    | JV with<br>Association                                | 56.61<br>3.62                                                 | 60.23                                                                      |
| 6                                                                                                                                                                                                                                  | M/s Arkitechno Consultants (India)<br>(P) Ltd. In JV with M/s Manglam<br>Infra & Engineering Ltd.                                                  | JV                                                    | 21.71<br>34.06                                                | 55.78                                                                      |

Test of Responsiveness

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68,280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                                                                              |                                                                    |                                                |                                                                                                    |                                                                                                                                                                                                                                                                    |                                                                                                           |                                                                                                                                                                    |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Proof of eligibility                                                                                                                                                                                                               |                                                                                                                                            |                                                                              |                                                                    |                                                |                                                                                                    |                                                                                                                                                                                                                                                                    |                                                                                                           |                                                                                                                                                                    |     |
| S. No.                                                                                                                                                                                                                             | Name of the Firm                                                                                                                           | Forwarding letter Firm's of experience and performance for the last 7 years. | Firm's turnover for the last 5 years in Rs. 500 as per the Form-E3 | Document fee of Rs. 500 as per Clause 2 of NIT | Power of Attorney on a stamp paper of Rs.100 and duly notarized authorizing to submit the proposal | In case a joint Venture/ Association of firms,the proposal shall be accompanied by a certified copy of legally binding Memorandum of Understanding(MOU) on a stamp paper of Rs.100, signed by all firms to the joint venture/ Association as detailed at para1.8.2 | A self-certification that the services offered meets the content requirement for 'Class-I Local Supplier' | The Integrity Pact (IP) duly signed by Authorized signatory shall be submitted by the Consultant with technical Proposal & shall be part of the Contract Agreement |     |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                       | Yes                                                                                                                                                                | Yes |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                       | Yes                                                                                                                                                                | Yes |
| 3                                                                                                                                                                                                                                  | M/s. AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd    | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                       | Yes                                                                                                                                                                | Yes |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                       | Yes                                                                                                                                                                | Yes |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamma Technocats (OPC) (P) Ltd.               | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                       | Yes                                                                                                                                                                | Yes |
| 6                                                                                                                                                                                                                                  | M/s ARKTECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                                | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                       | Yes                                                                                                                                                                | Yes |

| Residual bid capacity                                                                                                                                                                                                              |                                                                                                                                            |                       |                     |                       |                      |                       |            |          |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|------------|----------|--------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                       |                     |                       |                      |                       |            |          |                          |
| Residual bid capacity                                                                                                                                                                                                              |                                                                                                                                            |                       |                     |                       |                      |                       |            |          |                          |
| S. No.                                                                                                                                                                                                                             | Name of Bidder                                                                                                                             | Status                | Percentage in share | Completed Length (CL) | Turnover Factor (TF) | Running Projects (RP) | R=CL*TF-RP |          | Eligible or Not-Eligible |
|                                                                                                                                                                                                                                    |                                                                                                                                            |                       |                     |                       |                      |                       | Assessed   | Assessed |                          |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Sole with Association | 100%                | 270.58                | 1.25                 | 164.06                | 174.16     | 174.16   | Eligible                 |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Sole with Association | 100%                | 3192.00               | 1.25                 | 3461.78               | 528.22     | 528.22   | Eligible                 |
| 3                                                                                                                                                                                                                                  | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | JV-Lead               | 38%                 | 511.57                | 1.00                 | 279.97                | 231.60     | 160.19   | Eligible                 |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 37%                 | 173.39                | 1.25                 | 21.65                 | 195.09     |          |                          |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | JV-Lead               | 75%                 | 191.00                | 1.25                 | 147.01                | 91.74      | 95.89    | Eligible                 |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 25%                 | 164.49                | 1.00                 | 56.14                 | 108.35     |          |                          |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               | JV-Lead               | 40%                 | 178.77                | 1.00                 | 335.03                | -156.27    | -105.34  | Not-Eligible             |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 40%                 | 9.34                  | 1.00                 | 116.42                | -107.09    |          |                          |
| 6                                                                                                                                                                                                                                  | M/s ARKTECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                                | JV-Lead               | 60%                 | 328.43                | 1.00                 | 370.47                | -42.04     | -8.43    | Not-Eligible             |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 40%                 | 101.58                | 1.00                 | 59.59                 | 41.99      |          |                          |

### Minimum Eligibility

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                                       |                                                                                                                                                                                                                                           |                                                                                                      |                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| S.No.                                                                                                                                                                                                                              | Name of the Applicants                                                                                                                     | Preparation of DPR (NH/SH/Equivalent) | Firm should have also prepared DPR or Feasibility Study for at least one project of Expressway                                                                                                                                            | Annual Turnover                                                                                      | Residual Bid Capacity                                                        |
|                                                                                                                                                                                                                                    |                                                                                                                                            |                                       | A Firm applying for a package should have Experience of preparation of Detailed Project Report of two/four/six lane/ Feasibility Study of two/four/ six lane projects of aggregate length equal to the indicative length of the package . | Annual average turnover for last 5 years of the firm should be equal to or more than Rs.5,00 Crores. | Residual Bid Capacity "R" shall be more than tentative length of the Package |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 3                                                                                                                                                                                                                                  | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | No                                                                           |
| 6                                                                                                                                                                                                                                  | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                               | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | No                                                                           |

| Relevant Experience for the Assignment                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |                        |            |         |         |         |         |         |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------|---------|---------|---------|---------|---------|---------|
| Consulancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                            |                        |            |         |         |         |         |         |         |
| Firm's Relevant Experience                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                            |                        |            |         |         |         |         |         |         |
| S.No.                                                                                                                                                                                                                             | Applicant No.                                                                                                                                                                                                                                                              | Name of the Applicant. | Max Marks. | 1.00    | 2.00    | 3.00    | 4.00    | 5.00    | 6.00    |
|                                                                                                                                                                                                                                   | Description                                                                                                                                                                                                                                                                |                        |            | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
| A1                                                                                                                                                                                                                                | Firm's Profile, turnover and professionals working with the firm                                                                                                                                                                                                           |                        | 10         | 9       | 4       | 9       | 7.5     | 4       | 4       |
| 1                                                                                                                                                                                                                                 | Nos. of Key Professionals with the firm for more than 1 years*                                                                                                                                                                                                             |                        | 5          | 5       | 0       | 5       | 3.5     | 0       | 0       |
| 1.1                                                                                                                                                                                                                               | <10                                                                                                                                                                                                                                                                        |                        | 0          |         |         |         |         |         |         |
| 1.2                                                                                                                                                                                                                               | >10 but <25                                                                                                                                                                                                                                                                |                        | 1.5        |         |         |         |         |         |         |
| 1.3                                                                                                                                                                                                                               | >25 but <40                                                                                                                                                                                                                                                                |                        | 2.5        | 5       | 0       | 5       | 3.5     | 0       | 0       |
| 1.4                                                                                                                                                                                                                               | >40 but <60                                                                                                                                                                                                                                                                |                        | 3.5        |         |         |         |         |         |         |
| 1.5                                                                                                                                                                                                                               | >60                                                                                                                                                                                                                                                                        |                        | 5          |         |         |         |         |         |         |
| 2                                                                                                                                                                                                                                 | Specific experience of firms in terms of turnover in last five (5) Financial Years                                                                                                                                                                                         |                        | 5          |         |         |         |         |         |         |
| 2.1                                                                                                                                                                                                                               | Firm's Average Turnover of last 5 years >250 crore                                                                                                                                                                                                                         |                        | 5          |         |         |         |         |         |         |
| 2.2                                                                                                                                                                                                                               | Firm Average Turnover of last 5 years 50 - 250 crore                                                                                                                                                                                                                       |                        | 4          | 4       | 4       | 4       | 4       | 4       | 4       |
| 2.3                                                                                                                                                                                                                               | Firm Average Turnover of last 5 years >5 but < 50 crore                                                                                                                                                                                                                    |                        | 3.5        |         |         |         |         |         |         |
| A2                                                                                                                                                                                                                                | Firm's relevant experience in last 7 years for DPR work **                                                                                                                                                                                                                 |                        | 35         | 24      | 25.5    | 30      | 26.5    | 25      | 27      |
| 1                                                                                                                                                                                                                                 | Specific experience of the DPR consultancy related to the assignment for eligibility in the last 7 Financial Years                                                                                                                                                         |                        |            |         |         |         |         |         |         |
| 1.1                                                                                                                                                                                                                               | Aggregate Length of DPR / Feasibility study of 2/4/6 lane NH/SH/Expressway projects                                                                                                                                                                                        |                        | 10         | 6.5     | 10      | 10      | 10      | 10      | 10      |
| 1.1.1                                                                                                                                                                                                                             | More than the indicative Length of the package applied for                                                                                                                                                                                                                 |                        | 3.5        |         |         |         |         |         |         |
| 1.1.2                                                                                                                                                                                                                             | >2 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 4.5        |         |         |         |         |         |         |
| 1.1.3                                                                                                                                                                                                                             | >3 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 5          | 6.5     | 10      | 10      | 10      | 10      | 10      |
| 1.1.4                                                                                                                                                                                                                             | >4 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 6.5        |         |         |         |         |         |         |
| 1.1.5                                                                                                                                                                                                                             | >5 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 8.5        |         |         |         |         |         |         |
| 1.1.6                                                                                                                                                                                                                             | >6 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 10         |         |         |         |         |         |         |
| 1.2                                                                                                                                                                                                                               | DPR for 2/4/6 Laning NH/SH/Expressway projects each equal to or more than 40 % of indicative length of a package applied for or Feasibility Study for 2/4/6 Laning NH/SH/Expressway projects each equal to or more than 40 % of indicative length of a package applied for |                        | 15         | 12.5    | 15      | 15      | 15      | 15      | 12.5    |
| 1.2.1                                                                                                                                                                                                                             | 1 project                                                                                                                                                                                                                                                                  |                        | 7.5        |         |         |         |         |         |         |
| 1.2.2                                                                                                                                                                                                                             | 2 projects                                                                                                                                                                                                                                                                 |                        | 9          |         |         |         |         |         |         |
| 1.2.3                                                                                                                                                                                                                             | 3 projects                                                                                                                                                                                                                                                                 |                        | 11         | 12.5    | 15      | 15      | 15      | 15      | 12.5    |
| 1.2.4                                                                                                                                                                                                                             | 4 projects                                                                                                                                                                                                                                                                 |                        | 12.5       |         |         |         |         |         |         |
| 1.2.5                                                                                                                                                                                                                             | 5-5 projects                                                                                                                                                                                                                                                               |                        | 15         |         |         |         |         |         |         |
| 2                                                                                                                                                                                                                                 | DPR of Major Bridges/ROB's having length more than 1000 m (excluding approaches)                                                                                                                                                                                           |                        | 5          | 5       | 4.5     | 5       | 3.5     | 0       | 4.5     |
| 2.1                                                                                                                                                                                                                               | 2 bridges                                                                                                                                                                                                                                                                  |                        | 3.5        |         |         |         |         |         |         |
| 2.2                                                                                                                                                                                                                               | 3 bridges                                                                                                                                                                                                                                                                  |                        | 4          |         |         |         |         |         |         |
| 2.3                                                                                                                                                                                                                               | 4 bridges                                                                                                                                                                                                                                                                  |                        | 4.5        | 5       | 4.5     | 5       | 3.5     | 0       | 4.5     |
| 2.4                                                                                                                                                                                                                               | 5-5 projects                                                                                                                                                                                                                                                               |                        | 5          |         |         |         |         |         |         |
| Total                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                            |                        | 45         | 33      | 33.5    | 39      | 36      | 29      | 31      |

| Material Testing, survey and investigation, equipment and software used by the Firm                                                                                                                                               |                                                                                    |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                    |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| Description                                                                                                                                                                                                                       | 1.00                                                                               | 2.00                                                                     | 3.00                                     | 4.00                                        | 5.00                                                                                                                    | 6.00                                                                                                          |
|                                                                                                                                                                                                                                   | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. IN. Mohitey (P) Ltd. in Association with M/s Innovative CADD Centre | M/s AICONS Engineering Solutions (P) Ltd | M/s Bloom Companies LLC & Advisory (P) Ltd. | M/s Almondz Global Infra-structure Consultant Limited in JV with EKAM Venture with M/s Mangdan Infra & Engineering Ltd. | ARKITECHNO Consultants (India) Pvt. Ltd. in Association with M/s IV with M/s Mangdan Infra & Engineering Ltd. |
| 1 Availability of Material Testing Facilities with persons/resources having operational skills of the equipment                                                                                                                   | 0.75                                                                               | 0                                                                        | 0                                        | 0                                           | 0                                                                                                                       | 0                                                                                                             |
| 1.1 Owned* (Available In House) or Outsourced (Hire Agreement)                                                                                                                                                                    | 0.75                                                                               | 0                                                                        | 0                                        | 0                                           | 0                                                                                                                       | 0                                                                                                             |
| * Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipments required for testing of materials to be used for construction of Highway Project.                                        |                                                                                    |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 2 Availability of minimum Field Investigation Facilities with persons/resources having operational skills of the equipment                                                                                                        | 0.5                                                                                | 0.5                                                                      | 0.5                                      | 0                                           | 0.5                                                                                                                     | 0.5                                                                                                           |
| 2.1 Owned** (Available In House) or Outsourced (Hire Agreement)                                                                                                                                                                   | 0.5                                                                                | 0.5                                                                      | 0.5                                      | 0                                           | 0.5                                                                                                                     | 0.5                                                                                                           |
| ** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.                                                                                                                      |                                                                                    |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 3 Availability of minimum Office Equipment and Software with persons/resources having operational skills of the equipment                                                                                                         | 0.75                                                                               | 0.75                                                                     | 0.75                                     | 0                                           | 0.75                                                                                                                    | 0.75                                                                                                          |
| 3.1 Owned*** (Available In House) or Outsourced (Hire Agreement)                                                                                                                                                                  | 0.75                                                                               | 0.75                                                                     | 0.75                                     | 0                                           | 0.75                                                                                                                    | 0.75                                                                                                          |
| *** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment.                                                                                   |                                                                                    |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 4 Experience in use of LIDAR or better technology for topographic survey (infrastructure sector) in last 7 Financial Years                                                                                                        | 1.25                                                                               | 1.25                                                                     | 1.25                                     | 1.25                                        | 1.25                                                                                                                    | 1.25                                                                                                          |
| 4.1 1 project                                                                                                                                                                                                                     | 0.25                                                                               |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 4.2 2 projects                                                                                                                                                                                                                    | 0.5                                                                                |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 4.3 3 projects                                                                                                                                                                                                                    | 0.75                                                                               | 1.25                                                                     | 1.25                                     | 1.25                                        | 1.25                                                                                                                    | 1.25                                                                                                          |
| 4.4 4 projects                                                                                                                                                                                                                    | 1                                                                                  |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 4.5 >=5 projects                                                                                                                                                                                                                  | 1.25                                                                               |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 5 Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (infrastructure sector) in last 7 Financial Years                                                                   | 1                                                                                  | 1                                                                        | 1                                        | 1                                           | 1                                                                                                                       | 1                                                                                                             |
| 5.1 1 project                                                                                                                                                                                                                     | 0.25                                                                               |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 5.2 2 projects                                                                                                                                                                                                                    | 0.5                                                                                |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 5.3 3 projects                                                                                                                                                                                                                    | 0.75                                                                               | 1                                                                        | 1                                        | 1                                           | 1                                                                                                                       | 1                                                                                                             |
| 5.4 >= 4 projects                                                                                                                                                                                                                 | 1                                                                                  |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 6 Experience in digitization of cadastral maps for land surveys in last 7 Financial Years                                                                                                                                         | 0.75                                                                               | 0.75                                                                     | 0.75                                     | 0.75                                        | 0.75                                                                                                                    | 0.75                                                                                                          |
| 6.1 Area upto 100 ha                                                                                                                                                                                                              | 0.25                                                                               |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| 6.2 Area between 100-500 ha                                                                                                                                                                                                       | 0.5                                                                                | 0.75                                                                     | 0.75                                     | 0.75                                        | 0.75                                                                                                                    | 0.75                                                                                                          |
| 6.3 Area > 500 ha                                                                                                                                                                                                                 | 0.75                                                                               |                                                                          |                                          |                                             |                                                                                                                         |                                                                                                               |
| Total Points                                                                                                                                                                                                                      | 5                                                                                  | 4.25                                                                     | 4.25                                     | 4.25                                        | 4.25                                                                                                                    | 4.25                                                                                                          |

Technology

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.                                                                                                                              |            |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                |            | 1                                                                                                    | 2                                                                                                                                                                                             | 3                                                                                                                                                                                             | 4                                                                                                                                                                                             | 5                                                                                                                                                                                             | 6                                                                                                                                                                                             |
| Description                                                                                                                                                                                                                                                                                                                                                    | Max Points | M/s Geo Designs and M/s IN Malviya Infra Research (P) Ltd. Association with M/s Sal Geotechnical Lab | M/s AICONS Engineering (P) M/s Bloom Companies LLC in JV M/s Vedom Engineering Consultant Limited in JV with M/s Ekamra Engineering Pvt. Ltd. in Association with M/s Ekamra Engineering Ltd. | M/s AICONS Engineering (P) M/s Bloom Companies LLC in JV M/s Vedom Engineering Consultant Limited in JV with M/s Ekamra Engineering Pvt. Ltd. in Association with M/s Ekamra Engineering Ltd. | M/s AICONS Engineering (P) M/s Bloom Companies LLC in JV M/s Vedom Engineering Consultant Limited in JV with M/s Ekamra Engineering Pvt. Ltd. in Association with M/s Ekamra Engineering Ltd. | M/s AICONS Engineering (P) M/s Bloom Companies LLC in JV M/s Vedom Engineering Consultant Limited in JV with M/s Ekamra Engineering Pvt. Ltd. in Association with M/s Ekamra Engineering Ltd. | M/s AICONS Engineering (P) M/s Bloom Companies LLC in JV M/s Vedom Engineering Consultant Limited in JV with M/s Ekamra Engineering Pvt. Ltd. in Association with M/s Ekamra Engineering Ltd. |
|                                                                                                                                                                                                                                                                                                                                                                |            | Marks Assessed                                                                                       | Marks Assessed                                                                                                                                                                                | Marks Assessed                                                                                                                                                                                | Marks Assessed                                                                                                                                                                                | Marks Assessed                                                                                                                                                                                | Marks Assessed                                                                                                                                                                                |
| Experience of Aerial LIDAR or equivalent technology for topographic survey (Infrastructure sector) with persons /resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU/ lease Agreement                                                                                         | 1.5        | 1.5                                                                                                  | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (i) 1 project                                                                                                                                                                                                                                                                                                                                                  | 0.5        |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
| (ii) 2 projects                                                                                                                                                                                                                                                                                                                                                | 1          | 1.5                                                                                                  | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (iii) >2 projects                                                                                                                                                                                                                                                                                                                                              | 1.5        |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
| Experience of using Geo Physical Survey Equipment (Seismic Reflection/Seismic Refraction/Electrical Resistivity/AEM etc.) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU/lease Agreement                                                                                                                    | 1          | 1                                                                                                    | 1                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (i) 1 Project                                                                                                                                                                                                                                                                                                                                                  | 0.5        | 1                                                                                                    | 1                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (ii) >1 Project                                                                                                                                                                                                                                                                                                                                                | 1          |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
| Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyse the data and inter the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU/Lease Agreement. | 1.5        | 0                                                                                                    | 1                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (i) 1-2 Major Bridges                                                                                                                                                                                                                                                                                                                                          | 0.5        |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
| (ii) 3-5 Major Bridges                                                                                                                                                                                                                                                                                                                                         | 1          | 0                                                                                                    | 1                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (iii) >5 Major Bridges                                                                                                                                                                                                                                                                                                                                         | 1.5        |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
| Availability and experience in Processing of Satellite Imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU/Lease Agreement                                                                                                                          | 1          | 0                                                                                                    | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (i) 1 project                                                                                                                                                                                                                                                                                                                                                  | 0.5        | 0                                                                                                    | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |
| (ii) >1 projects                                                                                                                                                                                                                                                                                                                                               | 1          |                                                                                                      |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |                                                                                                                                                                                               |
| Total Points                                                                                                                                                                                                                                                                                                                                                   | 5          | 2.5                                                                                                  | 2                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             | 0                                                                                                                                                                                             |



| Evaluation Criteria for assessment of score of Senior Bridge Engineer                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                  |         |         |         |         |         |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------|---------|---------|---------|---------|---------|---------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitriti section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                  |         |         |         |         |         |         |
| S.N<br>o.                                                                                                                                                                                                                           | Applicant No.<br>Name of the Applicant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Max<br>Marks. | 2. Senior Bridge Design Engineer |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               | 1                                | 2       | 3       | 4       | 5       | 5       |         |
|                                                                                                                                                                                                                                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | Assesed                          | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
| I                                                                                                                                                                                                                                   | General Qualification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 30            | 22                               | 30      | 17      | 22      | 11      | 22      | 22      |
| i                                                                                                                                                                                                                                   | Graduation-Full time Graduation in Civil Engineering or equivalent from any IIT/ NIT/ JIS/ C/ BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                                                                                                                                                                             | 10            | 10                               | 10      | 5       | 10      | 5       |         | 10      |
| ii                                                                                                                                                                                                                                  | Post Graduation-Full Time/Regular PG in Structural/ Bridge Engineering* For PG from any IIT/ NIT/ JIS/ C/ BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* give full marks For other AICTE approved colleges give 50% marks i.e., 10 marks<br>Part-Time PG in Structural/ Bridge Engineering *For PG from any IIT/ NIT/ JIS/ C/ BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* give full marks For other AICTE approved colleges give 50% marks i.e., 6 marks | 20            | 12                               | 20      | 12      | 12      | 6       |         | 12      |
| III                                                                                                                                                                                                                                 | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 65            | 44                               | 33      | 60      | 52      | 61      |         | 63      |
| b                                                                                                                                                                                                                                   | Experience in Bridge Projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Experience in Design/Construction of bridge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | < 8 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 8-10 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 5             |                                  |         |         |         |         |         |         |
| i                                                                                                                                                                                                                                   | >10-12 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8             | 12                               | 8       | 10      | 8       | 11      |         | 13      |
|                                                                                                                                                                                                                                     | 12-15 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | For each additional year add 1 mark subject to a maximum additional 5 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Experience of 2/4 lane configuration bridges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 15            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | < 2 Projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 2-4 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3             |                                  |         |         |         |         |         |         |
| ii                                                                                                                                                                                                                                  | 5-7 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6             | 6                                | 15      | 15      | 12      | 15      |         | 15      |
|                                                                                                                                                                                                                                     | 8-10 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 11-13 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 12            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | For each additional year add 0.5 mark subject to a maximum additional 3 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Experience as Senior Bridge Design Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 Laning of NH/SH/ Expressways) involving design of Major Bridges ( min 2 nos. of length more than 100m)                                                                                                                                                                                                                                                                                                                                                                     | 35            |                                  |         |         |         |         |         |         |
| c                                                                                                                                                                                                                                   | < 2 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 2-4 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10            | 26                               | 10      | 35      | 32      | 35      |         | 35      |
|                                                                                                                                                                                                                                     | 5-6 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 15            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 7-8 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 9-10 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 25            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | For design of each additional project add 1 mark subject to a maximum additional 10 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 10            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Employment with Firm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5             |                                  |         |         |         |         |         |         |
| III                                                                                                                                                                                                                                 | > 1 Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0             | 5                                | 5       | 3.5     | 3       | 0       |         | 0       |
|                                                                                                                                                                                                                                     | 1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 100           | 71                               | 68      | 80.5    | 77      | 72      |         | 85      |
|                                                                                                                                                                                                                                     | Weightage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8             | 5.68                             | 5.44    | 6.44    | 6.16    | 5.76    |         | 6.8     |

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| 3. HIGHWAY DESIGN ENGINEER |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|---------|---------|---------|
| S.No                       | Applicant No.                                                                                                                                                                                                                                                          |            | 1       | 2       | 3       | 4       | 5       | 6       |
|                            | Name of the Applicant.                                                                                                                                                                                                                                                 | Max Marks. |         |         |         |         |         |         |
| I                          | Description                                                                                                                                                                                                                                                            |            | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
|                            | General Qualification                                                                                                                                                                                                                                                  |            | 5       | 15      | 15      | 10      | 20      | 15      |
|                            | Graduation-Full time Graduation in Civil Engineering or equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks |            | 5       | 5       | 10      | 10      | 5       | 5       |
|                            | Post Graduation-Full Time /Regular- PG in Transportation/Highway Engineering*<br>For other AICTE approved colleges give 50% marks i.e., 7.5 marks                                                                                                                      |            | 0       | 10      | 5       | 0       | 15      | 10      |
|                            | Part-Time- PG in Transportation/Highway Engineering *<br>For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                |            | 57.5    | 65      | 65      | 70      | 37.5    | 60      |
|                            | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                         |            |         |         |         |         |         |         |
|                            | Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/ Expressways)                                                                                                                                        |            | 20      |         |         |         |         |         |
|                            | 6-10 years                                                                                                                                                                                                                                                             |            | 0       |         |         |         |         |         |
|                            | 10-15 years                                                                                                                                                                                                                                                            |            | 10      |         |         |         |         |         |
|                            | 15-20 years                                                                                                                                                                                                                                                            |            | 15      |         |         |         |         |         |
| II                         | Experience in Similar Capacity                                                                                                                                                                                                                                         |            | 50      |         |         |         |         |         |
|                            | In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity (Minimum aggregate length 120 km)                                                                                                                               |            | 30      |         |         |         |         |         |
|                            | <120 km                                                                                                                                                                                                                                                                |            | 0       |         |         |         |         |         |
|                            | 120 km-200 km                                                                                                                                                                                                                                                          |            | 10      |         |         |         |         |         |
|                            | >200 km-300 km                                                                                                                                                                                                                                                         |            | 12.5    |         |         |         |         |         |
|                            | >300 km-400 km                                                                                                                                                                                                                                                         |            | 15      |         |         |         |         |         |
|                            | >400 km-500 km                                                                                                                                                                                                                                                         |            | 17.5    |         |         |         |         |         |
|                            | >500 km-600 km                                                                                                                                                                                                                                                         |            | 20      |         |         |         |         |         |
|                            | >600 km-700 km                                                                                                                                                                                                                                                         |            | 22.5    |         |         |         |         |         |
|                            | >700 km-800 km                                                                                                                                                                                                                                                         |            | 25      |         |         |         |         |         |
| III                        | Add 2.5 marks for each additional 100 km length subject to maximum of 5 additional marks                                                                                                                                                                               |            | 5       |         |         |         |         |         |
|                            | In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity-Number of Projects (Minimum length 25 km)                                                                                                                       |            | 20      |         |         |         |         |         |
|                            | 2 projects                                                                                                                                                                                                                                                             |            | 8       |         |         |         |         |         |
|                            | 3-5 projects                                                                                                                                                                                                                                                           |            | 10      |         |         |         |         |         |
|                            | >5-8 projects                                                                                                                                                                                                                                                          |            | 12.5    |         |         |         |         |         |
|                            | >8-10 projects                                                                                                                                                                                                                                                         |            | 15      |         |         |         |         |         |
|                            | >10-15 projects                                                                                                                                                                                                                                                        |            | 20      |         |         |         |         |         |
|                            | Employment with Firm                                                                                                                                                                                                                                                   |            | 5       |         |         |         |         |         |
|                            | > 1 Year                                                                                                                                                                                                                                                               |            | 0       |         |         |         |         |         |
|                            | 1 year                                                                                                                                                                                                                                                                 |            | 2       |         |         |         |         |         |
|                            | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                   |            | 3       |         |         |         |         |         |
|                            | Total                                                                                                                                                                                                                                                                  |            | 100     |         |         |         |         |         |
|                            | Weightage                                                                                                                                                                                                                                                              |            | 6       |         |         |         |         |         |

Evaluation Criteria for assessment of score of Traffic/ Road Signage/ Marking and Safety Expert

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

4. Traffic/ Road Signage/ Marking and Safety Expert

| S.N<br>o.                                                                                                                | Applicant No.<br><br>Name of the Applicant.                                                                                                                                                                                                                           | 1       | 2       | 3       | 4       | 5       | 6       |      |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|------|
|                                                                                                                          |                                                                                                                                                                                                                                                                       |         |         |         |         |         |         |      |
|                                                                                                                          |                                                                                                                                                                                                                                                                       |         |         |         |         |         |         |      |
| Description                                                                                                              |                                                                                                                                                                                                                                                                       | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |      |
| I                                                                                                                        | General Qualification                                                                                                                                                                                                                                                 | 25      | 10      | 10      | 25      | 10      | 10      | 12.5 |
| i)                                                                                                                       | Graduation-Full time Graduation in Civil Engineering or equivalent from any IIT/NIT/IIIT/IIITSC or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries For other AICTE approved colleges give 50% marks i.e., 5 marks | 10      | 10      | 10      | 10      | 10      | 5       | 5    |
|                                                                                                                          | Post Graduation-Full Time/Regular- PG in Traffic/Transportation/Safety Engineering or equivalent*                                                                                                                                                                     | 15      |         |         |         |         |         |      |
| ii)                                                                                                                      | Part-Time- PG in Traffic/ Transportation/Safety Engineering or equivalent*                                                                                                                                                                                            | 10      |         |         |         |         |         |      |
|                                                                                                                          | For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                                                                        | 0       | 0       | 0       | 15      | 0       | 5       | 7.5  |
| II)                                                                                                                      | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                        | 70      | 60      | 60      | 55      | 55      | 60      | 55   |
| Experience in Highway Projects - Experience on Similar Projects (2/4/6 laning of NH/SH/ Expressways) in similar capacity |                                                                                                                                                                                                                                                                       | 35      |         |         |         |         |         |      |
| b)                                                                                                                       | <5 years                                                                                                                                                                                                                                                              | 0       |         |         |         |         |         |      |
|                                                                                                                          | 5-8 years                                                                                                                                                                                                                                                             | 10      |         |         |         |         |         |      |
|                                                                                                                          | >8-10 years                                                                                                                                                                                                                                                           | 15      |         |         |         |         |         |      |
|                                                                                                                          | >10-15 years                                                                                                                                                                                                                                                          | 20      |         |         |         |         |         |      |
|                                                                                                                          | >15-20 years                                                                                                                                                                                                                                                          | 25      |         |         |         |         |         |      |
|                                                                                                                          | >20-25 years                                                                                                                                                                                                                                                          | 30      |         |         |         |         |         |      |
|                                                                                                                          | >25 years                                                                                                                                                                                                                                                             | 35      |         |         |         |         |         |      |
|                                                                                                                          | Experience as Traffic and Safety Expert / Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)                                                                                           | 35      |         |         |         |         |         |      |
| c)                                                                                                                       | <120 km                                                                                                                                                                                                                                                               | 0       |         |         |         |         |         |      |
|                                                                                                                          | 120 km-200 km                                                                                                                                                                                                                                                         | 10      |         |         |         |         |         |      |
|                                                                                                                          | >200 km-300 km                                                                                                                                                                                                                                                        | 15      |         |         |         |         |         |      |
|                                                                                                                          | >300 km-400 km                                                                                                                                                                                                                                                        | 20      |         |         |         |         |         |      |
|                                                                                                                          | >400 km-500 km                                                                                                                                                                                                                                                        | 25      |         |         |         |         |         |      |
|                                                                                                                          | >500 km-600 km                                                                                                                                                                                                                                                        | 30      |         |         |         |         |         |      |
|                                                                                                                          | >600 km                                                                                                                                                                                                                                                               | 35      |         |         |         |         |         |      |
|                                                                                                                          | Employment with Firm                                                                                                                                                                                                                                                  | 5       |         |         |         |         |         |      |
| III                                                                                                                      | < 1 Year                                                                                                                                                                                                                                                              | 0       |         |         |         |         |         |      |
|                                                                                                                          | 1 year                                                                                                                                                                                                                                                                | 2       |         |         |         |         |         |      |
|                                                                                                                          | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                  | 3       |         |         |         |         |         |      |
| Total                                                                                                                    |                                                                                                                                                                                                                                                                       | 100     |         |         |         |         |         |      |
| Weightage                                                                                                                |                                                                                                                                                                                                                                                                       | 5       |         |         |         |         |         |      |
|                                                                                                                          |                                                                                                                                                                                                                                                                       | 80      | 75      | 82      | 65      | 70      | 68      |      |
|                                                                                                                          |                                                                                                                                                                                                                                                                       | 4       | 3.75    | 4.1     | 3.25    | 3.5     | 3.38    |      |

Evaluation Criteria for assessment of score of Environmental Specialist

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| S.N<br>o.   | Applicant No.                                                                                                                                                                                                                                       |               | 5. Environmental Specialist                                                       |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
|             | Name of the Applicant.                                                                                                                                                                                                                              | Max<br>Marks. | 1                                                                                 | 2                                                                                | 3                                                                                                                                                                                                                           | 4                                                                                                                                              | 5                                                                                                                                              | 6        |          |
|             |                                                                                                                                                                                                                                                     |               | M/s Geo Design and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Projects (P) Ltd. in Association with M/s Innovative CADD Centre | M/s AICONS Engineering (P) M/s Bloom Companies LLC in Ltd. in JV with M/s YONGMA JV with M/s Vedom Engineering Co. Ltd. in Services (P) Ltd. in Association with M/s Nitya with M/s Techhub Engineering & Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in (India) Pvt. Ltd. in JV with M/s Ekama Manglam Infra & Engineering Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in (India) Pvt. Ltd. in JV with M/s Ekama Manglam Infra & Engineering Ltd. | Assessed | Assessed |
| Description |                                                                                                                                                                                                                                                     |               | Assessed                                                                          | Assessed                                                                         | Assessed                                                                                                                                                                                                                    | Assessed                                                                                                                                       | Assessed                                                                                                                                       | Assessed |          |
| I           | General Qualification                                                                                                                                                                                                                               |               | 25                                                                                | 15                                                                               | 5                                                                                                                                                                                                                           | 5                                                                                                                                              | 10                                                                                                                                             | 10       | 10       |
|             | Graduation: Full time Graduation in Civil Engineering/ Environment Engineering/ Masters in Environment Science from any IIT/NIIT/IISC/ BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries |               | 5                                                                                 | 5                                                                                | 5                                                                                                                                                                                                                           | 5                                                                                                                                              | 10                                                                                                                                             | 10       | 10       |
| i)          | For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                                                      |               |                                                                                   |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | Post Graduation: Full Time/Regular- PG or Doctorate in Environmental Engineering/ Environment Management or equivalent                                                                                                                              |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | For other colleges give 50% marks i.e., 7.5 marks                                                                                                                                                                                                   |               |                                                                                   |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
| ii)         | Part-Time- PG or Doctorate in Environmental Engineering/ Environment Management or equivalent.                                                                                                                                                      |               | 10                                                                                | 0                                                                                | 0                                                                                                                                                                                                                           | 0                                                                                                                                              | 0                                                                                                                                              | 0        | 0        |
|             | For other colleges give 50% marks i.e., 5 marks                                                                                                                                                                                                     |               |                                                                                   |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
| III)        | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                      |               | 70                                                                                | 69                                                                               | 70                                                                                                                                                                                                                          | 70                                                                                                                                             | 70                                                                                                                                             | 70       | 66       |
|             | Total Professional Experience                                                                                                                                                                                                                       |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
| a)          | <6 years                                                                                                                                                                                                                                            |               | 0                                                                                 |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | 6-8 years                                                                                                                                                                                                                                           |               | 11                                                                                | 15                                                                               | 15                                                                                                                                                                                                                          | 15                                                                                                                                             | 15                                                                                                                                             | 15       | 15       |
|             | >8-10 years                                                                                                                                                                                                                                         |               | 13                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | >10 years                                                                                                                                                                                                                                           |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
| b)          | Experience in Highway Projects - Experience in Environment impact assessment of Highway Projects (24/6 laning of NH/SH/ Expressways)                                                                                                                |               | 25                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | <5 years                                                                                                                                                                                                                                            |               | 0                                                                                 | 22                                                                               | 25                                                                                                                                                                                                                          | 25                                                                                                                                             | 25                                                                                                                                             | 25       | 22       |
|             | 5-7 years                                                                                                                                                                                                                                           |               | 19                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | >7-10 years                                                                                                                                                                                                                                         |               | 22                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | >10 years                                                                                                                                                                                                                                           |               | 25                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | Experience as Environmental Specialist or in Similar Capacity in Highway Projects (24/6 laning of NH/SH/Expressways)                                                                                                                                |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
| c)          | <2 projects                                                                                                                                                                                                                                         |               | 0                                                                                 | 15                                                                               | 14                                                                                                                                                                                                                          | 15                                                                                                                                             | 15                                                                                                                                             | 15       | 15       |
|             | 2-4 projects                                                                                                                                                                                                                                        |               | 12                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | 5-7 projects                                                                                                                                                                                                                                        |               | 14                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | >7 projects                                                                                                                                                                                                                                         |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | Experience as Environmental Specialist or in Similar Capacity in Highway Projects (24/6 laning of NH/SH/Expressways)                                                                                                                                |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
| d)          | <5 years                                                                                                                                                                                                                                            |               | 0                                                                                 | 14                                                                               | 15                                                                                                                                                                                                                          | 15                                                                                                                                             | 15                                                                                                                                             | 15       | 14       |
|             | 5-7 years                                                                                                                                                                                                                                           |               | 12                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | >7-10 years                                                                                                                                                                                                                                         |               | 14                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | >10 years                                                                                                                                                                                                                                           |               | 15                                                                                |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | Employment with Firm                                                                                                                                                                                                                                |               | 5                                                                                 |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | > 1 Year                                                                                                                                                                                                                                            |               | 0                                                                                 | 5                                                                                | 5                                                                                                                                                                                                                           | 0                                                                                                                                              | 2                                                                                                                                              | 0        | 0        |
| III)        | 1 year                                                                                                                                                                                                                                              |               | 2                                                                                 |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                |               | 3                                                                                 |                                                                                  |                                                                                                                                                                                                                             |                                                                                                                                                |                                                                                                                                                |          |          |
|             | Total                                                                                                                                                                                                                                               |               | 100                                                                               | 84                                                                               | 79                                                                                                                                                                                                                          | 75                                                                                                                                             | 82                                                                                                                                             | 80       | 76       |
|             | Weightage                                                                                                                                                                                                                                           |               | 4                                                                                 | 3.26                                                                             | 3.16                                                                                                                                                                                                                        | 3                                                                                                                                              | 3.28                                                                                                                                           | 3.2      | 3.04     |

Evaluation Criteria for assessment of score of Material-cum-Geo-Technical Engineer

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallabara to Pitiri section) from 2 Lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                                             |                                                                                    |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--|------|
| 6. Material-cum-Geo-Technical Engineer                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                             |                                                                                    |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
| S.N. o.                                                                                                                                                                                                                            | Applicant No.                                                                                                                                                                                                                                                                               | 1                                                                                  | 2                                                                                                                                    | 3                                                                                                                                                                                    | 4                                                                                                                                                              | 5       | 6       |  |      |
|                                                                                                                                                                                                                                    | Name of the Applicant.                                                                                                                                                                                                                                                                      | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sat Geotechnical Lab | M/s. LN Malviya Infra (P) Ltd. in JV with M/s IV Projects (P) Ltd. in YONGMA Engineering Co. Association with Innovative CADD Centre | M/s AICONS Engineering M/s Bloom Companies LLC in JV with M/s IV with M/s Vedom Consultant Limited in JV with EKAM Venture in Association with M/s Ekama Technocats & (OPC) (P) Ltd. | M/s Almondz Global Infra-Consultants (India) Pvt. Ltd. in JV with M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd. |         |         |  |      |
|                                                                                                                                                                                                                                    | Description                                                                                                                                                                                                                                                                                 | Assesed                                                                            | Assesed                                                                                                                              | Assesed                                                                                                                                                                              | Assesed                                                                                                                                                        | Assesed | Assesed |  |      |
| I                                                                                                                                                                                                                                  | General Qualification                                                                                                                                                                                                                                                                       | 25                                                                                 | 5                                                                                                                                    | 10                                                                                                                                                                                   | 20                                                                                                                                                             | 10      | 10      |  |      |
|                                                                                                                                                                                                                                    | Graduation- Full time Graduation in Civil Engineering or equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks | 10                                                                                 | 5                                                                                                                                    | 10                                                                                                                                                                                   | 5                                                                                                                                                              | 10      | 10      |  |      |
| ii)                                                                                                                                                                                                                                | Post Graduation- Full Time/Regular- PG in Foundation engineering/ Soil Mechanics/Geo Tech Engineering or Phd in Geology*<br>For other AICTE approved colleges give 50% marks i.e., 7.5 marks                                                                                                | 15                                                                                 | 0                                                                                                                                    | 0                                                                                                                                                                                    | 15                                                                                                                                                             | 0       | 0       |  |      |
|                                                                                                                                                                                                                                    | Part-Time- PG in Foundation engineering/ Soil Mechanics/Geo Tech Engineering or Phd in Geology*<br>For other colleges give 50% marks i.e., 5 marks                                                                                                                                          | 10                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
| II)                                                                                                                                                                                                                                | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                                              | 70                                                                                 | 55                                                                                                                                   | 70                                                                                                                                                                                   | 11                                                                                                                                                             | 52.5    | 55      |  |      |
|                                                                                                                                                                                                                                    | Total Professional Experience                                                                                                                                                                                                                                                               | 15                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | <10 years                                                                                                                                                                                                                                                                                   | 0                                                                                  |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
| a)                                                                                                                                                                                                                                 | 10-12 years                                                                                                                                                                                                                                                                                 | 11                                                                                 | 15                                                                                                                                   | 15                                                                                                                                                                                   | 11                                                                                                                                                             | 15      | 15      |  | 15   |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                                                | 13                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >15 years                                                                                                                                                                                                                                                                                   | 15                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | Experience in Highway Projects - In Similar Projects (2/4/6 laning of NH/SH/ Expressways) in design and or Construction/ Construction Supervision                                                                                                                                           | 20                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
| b)                                                                                                                                                                                                                                 | <7 years                                                                                                                                                                                                                                                                                    | 0                                                                                  | 20                                                                                                                                   | 20                                                                                                                                                                                   | 0                                                                                                                                                              | 17.5    | 20      |  | 20   |
|                                                                                                                                                                                                                                    | 7-10 years                                                                                                                                                                                                                                                                                  | 15                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >10-12 years                                                                                                                                                                                                                                                                                | 17.5                                                                               |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >12 years                                                                                                                                                                                                                                                                                   | 20                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | Experience as Material cum Geo-technical Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)                                                                                                                          | 20                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
| c)                                                                                                                                                                                                                                 | <120 km                                                                                                                                                                                                                                                                                     | 0                                                                                  | 20                                                                                                                                   | 20                                                                                                                                                                                   | 0                                                                                                                                                              | 20      | 20      |  | 20   |
|                                                                                                                                                                                                                                    | 120 km -200 km                                                                                                                                                                                                                                                                              | 15                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >200 km-300 km                                                                                                                                                                                                                                                                              | 17.5                                                                               |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >300 km                                                                                                                                                                                                                                                                                     | 20                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | Experience in Similar Capacity on Highway Projects (2/4/6 laning of NH/SH/Expressway) in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered)       | 15                                                                                 | 0                                                                                                                                    | 0                                                                                                                                                                                    | 15                                                                                                                                                             | 0       | 0       |  | 0    |
| d)                                                                                                                                                                                                                                 | <1 project                                                                                                                                                                                                                                                                                  | 0                                                                                  |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | 1-2 projects                                                                                                                                                                                                                                                                                | 10                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >2 projects                                                                                                                                                                                                                                                                                 | 15                                                                                 |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | Employment with Firm                                                                                                                                                                                                                                                                        | 5                                                                                  |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | >1 Year                                                                                                                                                                                                                                                                                     | 0                                                                                  |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
| III                                                                                                                                                                                                                                | 1 Year                                                                                                                                                                                                                                                                                      | 2                                                                                  | 3                                                                                                                                    | 0                                                                                                                                                                                    | 0                                                                                                                                                              | 2       | 0       |  | 0    |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                                        | 3                                                                                  |                                                                                                                                      |                                                                                                                                                                                      |                                                                                                                                                                |         |         |  |      |
|                                                                                                                                                                                                                                    | Total                                                                                                                                                                                                                                                                                       | 100                                                                                | 63                                                                                                                                   | 80                                                                                                                                                                                   | 31                                                                                                                                                             | 64.5    | 65      |  | 65   |
|                                                                                                                                                                                                                                    | Weightage                                                                                                                                                                                                                                                                                   | 4                                                                                  | 3.15                                                                                                                                 | 4                                                                                                                                                                                    | 1.55                                                                                                                                                           | 3.225   | 3.25    |  | 3.25 |

Evaluation Criteria for assessment of Senior Survey Engineer

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| 7. Senior Survey Engineer |                                                                                                                                                                                                                                                                        |            |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| S.N o.                    | Applicant No.<br><br>Name of the Applicant.                                                                                                                                                                                                                            |            | 1                                                                                  | 2                                                                                  | 3                                                                                           | 4                                                                                                                                           | 5                                                                                                          | 6                                                                                        |
|                           |                                                                                                                                                                                                                                                                        | Max Marks. | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Infra Projects (P) Ltd. in Association with Innovative CADD Centre | M/s AICONS Engineering Co. Ltd. in Engineering with M/s Nitra Nayra Civil Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Ekamra Technocabs & Engineering (P) Ltd. | M/s Almonds Vedom Consultant Limited in JV with EKAM Venture with M/s Ekamra Technocabs & Engineering Ltd. | ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd. |
|                           | Description                                                                                                                                                                                                                                                            |            | Assesed                                                                            | Assesed                                                                            | Assesed                                                                                     | Assesed                                                                                                                                     | Assesed                                                                                                    | Assesed                                                                                  |
| I                         | General Qualification                                                                                                                                                                                                                                                  | 25         | 18                                                                                 | 18                                                                                 | 18                                                                                          | 18                                                                                                                                          | 18.75                                                                                                      | 25                                                                                       |
|                           | For Full Time Diploma in Civil Engng or Diploma in Surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries*<br>For other govt. approved colleges give 75% marks i.e. 13.5 marks.        | 18         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
| i)                        | Graduation-Full time/Part Time Graduation in Civil Engineering from any IIT/NIT/JISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 75% marks i.e., 18.75 marks | 25         | 18                                                                                 | 18                                                                                 | 18                                                                                          | 18                                                                                                                                          | 18.75                                                                                                      | 25                                                                                       |
| II)                       | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                         | 70         | 60                                                                                 | 57                                                                                 | 65                                                                                          | 65                                                                                                                                          | 60                                                                                                         | 35                                                                                       |
|                           | Total Professional Experience                                                                                                                                                                                                                                          | 15         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | <10years                                                                                                                                                                                                                                                               | 0          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
| a)                        | 10-12 years                                                                                                                                                                                                                                                            | 11         | 15                                                                                 | 15                                                                                 | 15                                                                                          | 15                                                                                                                                          | 15                                                                                                         | 15                                                                                       |
|                           | >12-15 years                                                                                                                                                                                                                                                           | 13         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >15 years                                                                                                                                                                                                                                                              | 15         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
| b)                        | Experience in Highway Projects<br>Experience Similar Projects (24/6 laning of NH/SH/ Expressways) in project preparation/Construction/ Supervision                                                                                                                     | 20         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
| i)                        | <8 years                                                                                                                                                                                                                                                               | 0          | 20                                                                                 | 17                                                                                 | 20                                                                                          | 20                                                                                                                                          | 20                                                                                                         | 0                                                                                        |
|                           | 8-10 years                                                                                                                                                                                                                                                             | 15         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >10-12 years                                                                                                                                                                                                                                                           | 17         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >12 years                                                                                                                                                                                                                                                              | 20         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | Knowledge and understanding of modern Computer based method of Surveying such as LIDAR survey (ground or aerial), remote sensing, GIS mapping etc.                                                                                                                     | 5          | 0                                                                                  | 0                                                                                  | 0                                                                                           | 0                                                                                                                                           | 5                                                                                                          | 0                                                                                        |
| ii)                       | Certification from an accredited institute to be submitted for validation                                                                                                                                                                                              | 5          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | Yes                                                                                                                                                                                                                                                                    | 5          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | No                                                                                                                                                                                                                                                                     | 0          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | Experience as Survey Engineer or in Similar Capacity for project preparation of Highway Projects (24/6 laning of NH/SH/Expressways) (Minimum Aggregate Length of 120 km)                                                                                               | 30         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
| c)                        | <120 km                                                                                                                                                                                                                                                                | 0          | 25                                                                                 | 25                                                                                 | 30                                                                                          | 30                                                                                                                                          | 20                                                                                                         | 20                                                                                       |
|                           | 120-200 km                                                                                                                                                                                                                                                             | 10         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >200-300 km                                                                                                                                                                                                                                                            | 15         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >300-400 km                                                                                                                                                                                                                                                            | 20         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >400-500 km                                                                                                                                                                                                                                                            | 25         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | >500 km                                                                                                                                                                                                                                                                | 30         |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | Employment with Firm                                                                                                                                                                                                                                                   | 5          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | > 1 Year                                                                                                                                                                                                                                                               | 0          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
| III                       | 1 year                                                                                                                                                                                                                                                                 | 2          | 5                                                                                  | 0                                                                                  | 0                                                                                           | 0                                                                                                                                           | 0                                                                                                          | 0                                                                                        |
|                           | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                   | 3          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |
|                           | Total                                                                                                                                                                                                                                                                  | 100        | 83<br>3.32                                                                         | 75<br>3                                                                            | 83<br>3.32                                                                                  | 83<br>3.32                                                                                                                                  | 78.75<br>3.15                                                                                              | 60<br>2.4                                                                                |
|                           | Weightage                                                                                                                                                                                                                                                              | 4          |                                                                                    |                                                                                    |                                                                                             |                                                                                                                                             |                                                                                                            |                                                                                          |

| Evaluation Criteria for assessment of Quantity Surveyor/Documentation Expert                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                         |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                                                                                         |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
| 8. Quantity Surveyor/Documentation Expert                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                         |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
| S.No.                                                                                                                                                                                                                              | Applicant No.                                                                                                                                                                                                                                                                                                                           | Max Mark s. | 1                                                                                  | 2                                                                            | 3                                                                                                                                      | 4                                                                                                                                          | 5                                                                                                                           | 6                                                                                                                 |
|                                                                                                                                                                                                                                    | Name of the Applicant.                                                                                                                                                                                                                                                                                                                  |             | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s LN Malviya Infra Projects (P) Ltd. in Association with Innovative Centre | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) P) Ltd. | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in Association with M/s JV with M/s Manglam Infra & Engineering Ltd. |
|                                                                                                                                                                                                                                    | Description                                                                                                                                                                                                                                                                                                                             |             | Assesed                                                                            | Assesed                                                                      | Assesed                                                                                                                                | Assesed                                                                                                                                    | Assesed                                                                                                                     | Assesed                                                                                                           |
| I                                                                                                                                                                                                                                  | <b>General Qualification</b>                                                                                                                                                                                                                                                                                                            | 25          | 15                                                                                 | 15                                                                           | 15                                                                                                                                     | 15                                                                                                                                         | 0                                                                                                                           | 7.5                                                                                                               |
|                                                                                                                                                                                                                                    | <b>Graduation</b> -Full time Graduation in Civil Engineering                                                                                                                                                                                                                                                                            |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | i) For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries                                                                                                                                                                                     | 15          | 15                                                                                 | 15                                                                           | 15                                                                                                                                     | 15                                                                                                                                         | 0                                                                                                                           | 7.5                                                                                                               |
|                                                                                                                                                                                                                                    | ii) Full Time Post-Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC Approved]                                                                                                                                                                                                                                                | 10          | 0                                                                                  | 0                                                                            | 0                                                                                                                                      | 0                                                                                                                                          | 0                                                                                                                           | 0                                                                                                                 |
| II                                                                                                                                                                                                                                 | <b>Relevant Experience &amp; Adequacy for the Project</b>                                                                                                                                                                                                                                                                               | 70          | 67.5                                                                               | 45                                                                           | 67.5                                                                                                                                   | 57.5                                                                                                                                       | 65                                                                                                                          | 45                                                                                                                |
|                                                                                                                                                                                                                                    | <b>Total Professional Experience</b>                                                                                                                                                                                                                                                                                                    | 15          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | a) <10years                                                                                                                                                                                                                                                                                                                             | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | 10-12 years                                                                                                                                                                                                                                                                                                                             | 11          | 15                                                                                 | 15                                                                           | 15                                                                                                                                     | 15                                                                                                                                         | 15                                                                                                                          | 15                                                                                                                |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                                                                                            | 13          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >15 years                                                                                                                                                                                                                                                                                                                               | 15          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Experience in preparation of Bill of Quantities, Contract documents and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor or in similar capacity</b>                                                                                                                       | 25          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | b) <8 years                                                                                                                                                                                                                                                                                                                             | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | 8-10 years                                                                                                                                                                                                                                                                                                                              | 12.5        | 25                                                                                 | 0                                                                            | 22.5                                                                                                                                   | 15                                                                                                                                         | 20                                                                                                                          | 0                                                                                                                 |
|                                                                                                                                                                                                                                    | >10-12 years                                                                                                                                                                                                                                                                                                                            | 15          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                                                                                            | 17.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >15-18 years                                                                                                                                                                                                                                                                                                                            | 20          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >18-20 years                                                                                                                                                                                                                                                                                                                            | 22.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >20 years                                                                                                                                                                                                                                                                                                                               | 25          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Experience as Quantity Surveyor or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120km) *Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity</b> | 30          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | c) <120 km                                                                                                                                                                                                                                                                                                                              | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | 120-200 km                                                                                                                                                                                                                                                                                                                              | 15          | 27.5                                                                               | 30                                                                           | 30                                                                                                                                     | 27.5                                                                                                                                       | 30                                                                                                                          | 30                                                                                                                |
|                                                                                                                                                                                                                                    | >200-300 km                                                                                                                                                                                                                                                                                                                             | 17.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >300-400 km                                                                                                                                                                                                                                                                                                                             | 20          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >400-500 km                                                                                                                                                                                                                                                                                                                             | 22.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >500-600 km                                                                                                                                                                                                                                                                                                                             | 25          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >600 km add 2.5 marks for each additional 100 km experience subject maximum 5 additional marks                                                                                                                                                                                                                                          | 5           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Employment with Firm</b>                                                                                                                                                                                                                                                                                                             | 5           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | > 1 Year                                                                                                                                                                                                                                                                                                                                | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
| III                                                                                                                                                                                                                                | 1 year                                                                                                                                                                                                                                                                                                                                  | 2           | 2                                                                                  | 2.5                                                                          | 0                                                                                                                                      | 2.5                                                                                                                                        | 0                                                                                                                           | 0                                                                                                                 |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                                                                                    | 3           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | Total                                                                                                                                                                                                                                                                                                                                   | 100         | 84.5                                                                               | 62.5                                                                         | 82.5                                                                                                                                   | 75                                                                                                                                         | 0                                                                                                                           | 52.5                                                                                                              |
|                                                                                                                                                                                                                                    | Weightage                                                                                                                                                                                                                                                                                                                               | 2           | 1.69                                                                               | 1.25                                                                         | 1.65                                                                                                                                   | 1.5                                                                                                                                        | 0                                                                                                                           | 1.05                                                                                                              |

| Evaluation Criteria for assessment of Land Acquisition Expert                                                                                                                                                                      |                                                                      |            |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                      |            |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
| 9. Land Acquisition Expert                                                                                                                                                                                                         |                                                                      |            |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
| S.N. o.                                                                                                                                                                                                                            | Applicant No.                                                        | Max Marks. | 1                                                                                  | 2                                                                                      | 3                                                                                                                                            | 4                                                                                                                                          | 5                                                                                                                            | 6                                                                                          |
|                                                                                                                                                                                                                                    | Name of the Applicant.                                               |            | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre | M/s AICONS Engineering (P) Ltd. in JV with M/s Vedom Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd. | M/s ARKITECHNOCONSULTANTS (India) Pvt Ltd. in JV with M/s Manglam Infra & Engineering Ltd. |
| Description                                                                                                                                                                                                                        |                                                                      |            | Assesed                                                                            | Assesed                                                                                | Assesed                                                                                                                                      | Assesed                                                                                                                                    | Assesed                                                                                                                      | Assesed                                                                                    |
| I                                                                                                                                                                                                                                  | General Qualification                                                | 25         | 20                                                                                 | 20                                                                                     | 20                                                                                                                                           | 25                                                                                                                                         | 20                                                                                                                           | 20                                                                                         |
| i)                                                                                                                                                                                                                                 | Graduation or equivalent in any discipline                           | 20         | 20                                                                                 | 20                                                                                     | 20                                                                                                                                           | 20                                                                                                                                         | 20                                                                                                                           | 20                                                                                         |
| ii)                                                                                                                                                                                                                                | Post Graduation in law                                               | 5          | 0                                                                                  | 0                                                                                      | 0                                                                                                                                            | 5                                                                                                                                          | 0                                                                                                                            | 0                                                                                          |
| II                                                                                                                                                                                                                                 | Relevant Experience & Adequacy for the Project                       | 70         | 70                                                                                 | 70                                                                                     | 57                                                                                                                                           | 60                                                                                                                                         | 60                                                                                                                           | 40                                                                                         |
| a)                                                                                                                                                                                                                                 | Total Professional Experience                                        | 15         | 15                                                                                 | 15                                                                                     | 15                                                                                                                                           | 15                                                                                                                                         | 15                                                                                                                           | 15                                                                                         |
|                                                                                                                                                                                                                                    | <15 years                                                            | 0          |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 15-17 years                                                          | 11         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >17-20 years                                                         | 13         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >20 years                                                            | 15         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
| b)                                                                                                                                                                                                                                 | Experience in Land Acquisition works of Government/Authority         | 20         | 20                                                                                 | 20                                                                                     | 17                                                                                                                                           | 20                                                                                                                                         | 20                                                                                                                           | 0                                                                                          |
|                                                                                                                                                                                                                                    | <10 years                                                            | 0          |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 10-12 years                                                          | 15         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >12-15 years                                                         | 17         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >15 years                                                            | 20         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
| c)                                                                                                                                                                                                                                 | Experience in Land Acquisition works in Highway/road sector          | 25         | 25                                                                                 | 25                                                                                     | 25                                                                                                                                           | 25                                                                                                                                         | 25                                                                                                                           | 25                                                                                         |
|                                                                                                                                                                                                                                    | Nil Project                                                          | 0          |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 1 project                                                            | 19         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 2 projects                                                           | 22         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 3 projects                                                           | 25         |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
| d)                                                                                                                                                                                                                                 | Retired Revenue Officer at the level of ADM/SDM/Tehsildar            | 10         | 10                                                                                 | 10                                                                                     | 0                                                                                                                                            | 0                                                                                                                                          | 0                                                                                                                            | 0                                                                                          |
| III                                                                                                                                                                                                                                | Employment with Firm                                                 | 5          | 0                                                                                  | 0                                                                                      | 5                                                                                                                                            | 5                                                                                                                                          | 5                                                                                                                            | 0                                                                                          |
|                                                                                                                                                                                                                                    | > 1 Year                                                             | 0          |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 1 year                                                               | 2          |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks | 3          |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Total                                                                | 100        |                                                                                    |                                                                                        |                                                                                                                                              |                                                                                                                                            |                                                                                                                              |                                                                                            |
| Weightage                                                                                                                                                                                                                          |                                                                      | 4          | 3.6                                                                                | 3.6                                                                                    | 3.28                                                                                                                                         | 3.6                                                                                                                                        | 3.4                                                                                                                          | 2.4                                                                                        |

| Evaluation Criteria for assessment of Utility Expert                                                                                                                                                                               |                                                                                                                              |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                              |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| 10. Utility Expert                                                                                                                                                                                                                 |                                                                                                                              |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| S.N<br>o.                                                                                                                                                                                                                          | Applicant No.                                                                                                                | Max<br>Marks. | 1                                                                                  | 2                                                                                       | 3                                                                                                                                      | 4                                                                                                                                        | 5                                                                                                                            | 6                                                                                          |
|                                                                                                                                                                                                                                    | Name of the Applicant.                                                                                                       |               | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADDE Centre | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd. | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra Engineering Ltd. |
|                                                                                                                                                                                                                                    | Description                                                                                                                  |               | Assesed                                                                            | Assesed                                                                                 | Assesed                                                                                                                                | Assesed                                                                                                                                  | Assesed                                                                                                                      | Assesed                                                                                    |
|                                                                                                                                                                                                                                    | I General Qualification                                                                                                      |               | 25                                                                                 | 12.5                                                                                    | 12.5                                                                                                                                   | 12.5                                                                                                                                     | 25                                                                                                                           | 25                                                                                         |
|                                                                                                                                                                                                                                    | Graduation-Full time Graduation in Electrical Engineering                                                                    |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| i)                                                                                                                                                                                                                                 | For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of | 25            | 12.5                                                                               | 12.5                                                                                    | 12.5                                                                                                                                   | 25                                                                                                                                       | 25                                                                                                                           | 12.5                                                                                       |
| II) Relevant Experience & Adequacy for the Project                                                                                                                                                                                 |                                                                                                                              | 70            | 55.5                                                                               | 60.5                                                                                    | 53.5                                                                                                                                   | 53.5                                                                                                                                     | 42.5                                                                                                                         | 31                                                                                         |
|                                                                                                                                                                                                                                    | Total Professional Experience                                                                                                | 15            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| a)                                                                                                                                                                                                                                 | <10years                                                                                                                     | 0             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 10-15 years                                                                                                                  | 11            | 13                                                                                 | 13                                                                                      | 11                                                                                                                                     | 11                                                                                                                                       | 15                                                                                                                           | 11                                                                                         |
|                                                                                                                                                                                                                                    | >15-20 years                                                                                                                 | 13            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >20 years                                                                                                                    | 15            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Experience in Utility estimation and its laying/                                                                             | 30            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | <8 years                                                                                                                     | 0             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| b)                                                                                                                                                                                                                                 | 8-10 years                                                                                                                   | 15            | 17.5                                                                               | 22.5                                                                                    | 17.5                                                                                                                                   | 17.5                                                                                                                                     | 27.5                                                                                                                         | 0                                                                                          |
|                                                                                                                                                                                                                                    | >10-15 years                                                                                                                 | 17.5          |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >15-20 years                                                                                                                 | 22.5          |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >20-25 years                                                                                                                 | 27.5          |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >25 years                                                                                                                    | 30            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Experience in Utility shifting estimation and its laying/ erection along Highway/roads                                       | 25            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| c)                                                                                                                                                                                                                                 | Nil Projects                                                                                                                 | 0             | 25                                                                                 | 25                                                                                      | 25                                                                                                                                     | 25                                                                                                                                       | 0                                                                                                                            | 20                                                                                         |
|                                                                                                                                                                                                                                    | 1-3 projects                                                                                                                 | 15            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 4-6 projects                                                                                                                 | 20            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >6 projects                                                                                                                  | 25            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Employment with Firm                                                                                                         | 5             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | > 1 Year                                                                                                                     | 0             | 4                                                                                  | 0                                                                                       | 4                                                                                                                                      | 5                                                                                                                                        | 0                                                                                                                            | 0                                                                                          |
|                                                                                                                                                                                                                                    | 1 year                                                                                                                       | 2             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                         | 3             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Total                                                                                                                        | 100           | 72                                                                                 | 73                                                                                      | 70                                                                                                                                     | 83.5                                                                                                                                     | 67.5                                                                                                                         | 43.5                                                                                       |
|                                                                                                                                                                                                                                    | Weightage                                                                                                                    | 2             | 1.44                                                                               | 1.46                                                                                    | 1.4                                                                                                                                    | 1.67                                                                                                                                     | 1.35                                                                                                                         | 0.87                                                                                       |

Summary of CV's

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| S.No. | Applicant No.<br>Name of the Applicant.<br>Key Position: | Max<br>Marks | 1.00                                                                                                                                                                                                                                                                                                                                                                                                              |                   |               | 2.00                                                                                                                                                                                           |               |                   | 3.00                                                                                                                                                                                           |                   |               | 4.00                                                                                                                                                                                           |               |                   | 5.00                                                                                                                                                                                           |                   |               | 6.00                                                                                                                                                                                           |               |                   |
|-------|----------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
|       |                                                          |              | M/s Geo Designs and Research (P) Ltd. M/s LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-<br>in Association with M/s Sai Ltd. in Association with M/s Engineering Co. Ltd. in Services (P) Ltd. in Association with EKAM Venture in Association with (India) Pvt. Ltd. in JV with M/s<br>Geotechnical Lab Innovative CADD Centre |                   |               | M/s Sai Ltd. in Association with M/s Engineering Co. Ltd. in Services (P) Ltd. in Association with EKAM Venture in Association with (India) Pvt. Ltd. in JV with M/s<br>Innovative CADD Centre |               |                   | M/s Sai Ltd. in Association with M/s Engineering Co. Ltd. in Services (P) Ltd. in Association with EKAM Venture in Association with (India) Pvt. Ltd. in JV with M/s<br>Innovative CADD Centre |                   |               | M/s Sai Ltd. in Association with M/s Engineering Co. Ltd. in Services (P) Ltd. in Association with EKAM Venture in Association with (India) Pvt. Ltd. in JV with M/s<br>Innovative CADD Centre |               |                   | M/s Sai Ltd. in Association with M/s Engineering Co. Ltd. in Services (P) Ltd. in Association with EKAM Venture in Association with (India) Pvt. Ltd. in JV with M/s<br>Innovative CADD Centre |                   |               | M/s Sai Ltd. in Association with M/s Engineering Co. Ltd. in Services (P) Ltd. in Association with EKAM Venture in Association with (India) Pvt. Ltd. in JV with M/s<br>Innovative CADD Centre |               |                   |
|       |                                                          |              | Assesed Marks                                                                                                                                                                                                                                                                                                                                                                                                     | Assesed weightage | Assesed Marks | Assesed weightage                                                                                                                                                                              | Assesed Marks | Assesed weightage | Assesed Marks                                                                                                                                                                                  | Assesed weightage | Assesed Marks | Assesed weightage                                                                                                                                                                              | Assesed Marks | Assesed weightage | Assesed Marks                                                                                                                                                                                  | Assesed weightage | Assesed Marks | Assesed weightage                                                                                                                                                                              | Assesed Marks | Assesed weightage |
| 1     | Team Leader-cum-Senior Highway Engineer                  | 10           | 81                                                                                                                                                                                                                                                                                                                                                                                                                | 8.1               | 0.00          | 0.00                                                                                                                                                                                           | 88.00         | 8.80              | 80.00                                                                                                                                                                                          | 8.00              | 83.00         | 8.30                                                                                                                                                                                           | 76.00         | 7.60              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 2     | Senior Bridge Design Engineer                            | 8            | 71                                                                                                                                                                                                                                                                                                                                                                                                                | 5.68              | 68.00         | 5.44                                                                                                                                                                                           | 80.50         | 6.44              | 77.00                                                                                                                                                                                          | 6.16              | 72.00         | 5.76                                                                                                                                                                                           | 85.00         | 6.80              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 3     | Highway Design Engineer                                  | 6            | 68                                                                                                                                                                                                                                                                                                                                                                                                                | 4.05              | 85.00         | 5.10                                                                                                                                                                                           | 85.00         | 5.10              | 85.00                                                                                                                                                                                          | 5.10              | 57.50         | 3.45                                                                                                                                                                                           | 78.50         | 4.71              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 4     | Traffic/ Road Signage/ Marking and Safety Expert         | 5            | 80                                                                                                                                                                                                                                                                                                                                                                                                                | 4.00              | 75.00         | 3.75                                                                                                                                                                                           | 82.00         | 4.10              | 65.00                                                                                                                                                                                          | 3.25              | 70.00         | 3.50                                                                                                                                                                                           | 67.50         | 3.38              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 5     | Environmental Specialist                                 | 4            | 84                                                                                                                                                                                                                                                                                                                                                                                                                | 3.36              | 79.00         | 3.16                                                                                                                                                                                           | 75.00         | 3.00              | 82.00                                                                                                                                                                                          | 3.28              | 80.00         | 3.20                                                                                                                                                                                           | 76.00         | 3.04              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 6     | Material-cum-Geo-technical Engineer-Geologist            | 5            | 80                                                                                                                                                                                                                                                                                                                                                                                                                | 4.00              | 63.00         | 3.15                                                                                                                                                                                           | 80.00         | 4.00              | 31.00                                                                                                                                                                                          | 1.55              | 65.00         | 3.25                                                                                                                                                                                           | 65.00         | 3.25              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 7     | Senior Survey Engineer                                   | 4            | 83                                                                                                                                                                                                                                                                                                                                                                                                                | 3.32              | 75.00         | 3.00                                                                                                                                                                                           | 83.00         | 3.32              | 83.00                                                                                                                                                                                          | 3.32              | 78.75         | 3.15                                                                                                                                                                                           | 60.00         | 2.40              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 8     | Quantity Surveyor/Documentation Expert                   | 2            | 84.5                                                                                                                                                                                                                                                                                                                                                                                                              | 1.69              | 62.50         | 1.25                                                                                                                                                                                           | 82.50         | 1.65              | 75.00                                                                                                                                                                                          | 1.50              | 0.00          | 0.00                                                                                                                                                                                           | 52.50         | 1.05              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 9     | Land Acquisition Expert                                  | 4            | 90                                                                                                                                                                                                                                                                                                                                                                                                                | 3.60              | 90.00         | 3.60                                                                                                                                                                                           | 82.00         | 3.28              | 90.00                                                                                                                                                                                          | 3.60              | 85.00         | 3.40                                                                                                                                                                                           | 60.00         | 2.40              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
| 10    | Utility Expert                                           | 2            | 72                                                                                                                                                                                                                                                                                                                                                                                                                | 1.44              | 73.00         | 1.46                                                                                                                                                                                           | 70.00         | 1.40              | 83.50                                                                                                                                                                                          | 1.67              | 67.50         | 1.35                                                                                                                                                                                           | 43.50         | 0.87              |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |
|       | Total                                                    | 50           |                                                                                                                                                                                                                                                                                                                                                                                                                   | 39.24             |               | 29.91                                                                                                                                                                                          |               | 41.09             |                                                                                                                                                                                                | 37.43             |               | 35.36                                                                                                                                                                                          |               | 35.50             |                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                |               |                   |

**Final Summary**

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                                  |                                                                                          |                                 |                                                                      |       |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------|-------|-------------------------|
| Final Summary sheet                                                                                                                                                                                                                |                                                                                                                                            |                                  |                                                                                          |                                 |                                                                      |       |                         |
| S. No.                                                                                                                                                                                                                             | Name of Bidder                                                                                                                             | Relevant Experience for the firm | Material testing, survey & investigation, equipment and software proposed to be used     | Experience in use of Technology | Qualifications and relevant experience of the proposed key personnel | Total | Status of the Applicant |
|                                                                                                                                                                                                                                    |                                                                                                                                            |                                  |                                                                                          |                                 |                                                                      |       |                         |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | 33.00                            | 4.25                                                                                     | 2.50                            | 39.24                                                                | 78.99 | Responsive              |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     |                                  | Non-Responsive as per Clause 3.2.4 (ii) & 5.2 "Letter of Invitation" section of the RFP. |                                 |                                                                      |       | Non- Responsive         |
| 3                                                                                                                                                                                                                                  | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongna Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | 39.00                            | 4.25                                                                                     | 0.00                            | 41.09                                                                | 84.34 | Responsive              |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | 36.00                            | 3.00                                                                                     | 0.00                            | 37.43                                                                | 76.43 | Responsive              |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               |                                  | Non-Responsive as per Clause 3.1.3 & 5.2 "Letter of Invitation" section of the RFP.      |                                 |                                                                      |       | Non- Responsive         |
| 6                                                                                                                                                                                                                                  | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                               |                                  | Non-Responsive as per Clause 3.1.3 "Letter of Invitation" section of the RFP.            |                                 |                                                                      |       | Non- Responsive         |

**Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.**

### List of Applicants

Name of the Project

**Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.**

Length of Project (in KM)

68.28

| Applicant No:- | Name of the Applicant                                                                                                                      | Status of the Applicant Sole/JV/ Association |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 1              | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Sole with Association                        |
| 2              | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Sole with Association                        |
| 3              | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | JV with Association                          |
| 4              | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | JV with Association                          |
| 5              | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               | JV with Association                          |
| 6              | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                               | JV                                           |

| Annual Average Turnover                                                                                                                                                                                                            |                                                                                                                                         |                                              |                                                            |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                         |                                              |                                                            |                                                                      |
| S.No                                                                                                                                                                                                                               | Name of Consultancy Firm/Entity (Sole Bidder/Bidder in JV)                                                                              | Status of the Applicant Sole/JV/ Association | Annual Average Turnover in Last 5 years 2020-21 to 2024-25 | Total Annual Average Turnover in the last 5 years 2020-21 to 2024-25 |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs & Research (P) Ltd. In Association with M/s Sai Geotechnical Lab.                                                       | Sole with Association                        | 73.54                                                      | 73.54                                                                |
| 2                                                                                                                                                                                                                                  | M/s L N Malviya Infra Projects (P) Ltd. In Association with M/s Innovative Cadd Centre.                                                 | Sole with Association                        | 241.37                                                     | 241.37                                                               |
| 3                                                                                                                                                                                                                                  | M/s Aicons Engineering (P) Ltd. In JV with M/s Yongma Engineering Co. Ltd. In Association with M/s Nitya Nayra Civil Solutions (P) Ltd. | JV with Association                          | 12.92                                                      | 195.73                                                               |
|                                                                                                                                                                                                                                    |                                                                                                                                         |                                              | 182.81                                                     |                                                                      |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC. In JV with M/s Vedom Engineering Services (P) Ltd. In Association with Techhub Engineering & Advisory (P) Ltd. | JV with Association                          | 127.85                                                     | 134.84                                                               |
|                                                                                                                                                                                                                                    |                                                                                                                                         |                                              | 6.99                                                       |                                                                      |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra Consultant Ltd. In JV with Ekamra Venture In Association with Ekamra Technocrats (OPC) (P) Ltd.                | JV with Association                          | 56.61                                                      | 60.23                                                                |
|                                                                                                                                                                                                                                    |                                                                                                                                         |                                              | 3.62                                                       |                                                                      |
| 6                                                                                                                                                                                                                                  | M/s Arkitechno Consultants (India) (P) Ltd. In JV with M/s Manglam Infra & Engineering Ltd.                                             | JV                                           | 21.71                                                      | 55.78                                                                |
|                                                                                                                                                                                                                                    |                                                                                                                                         |                                              | 34.06                                                      |                                                                      |

Test of Responsiveness

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68,280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                                                                              |                                                                    |                                                |                                                                                                    |                                                                                                                                                                                                                                                                    |                                                                                                                |                                                                                                                                                                    |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| Proof of eligibility                                                                                                                                                                                                               |                                                                                                                                            |                                                                              |                                                                    |                                                |                                                                                                    |                                                                                                                                                                                                                                                                    |                                                                                                                |                                                                                                                                                                    |     |
| S. No.                                                                                                                                                                                                                             | Name of the Firm                                                                                                                           | Forwarding letter Firm's of experience and performance for the last 7 years. | Firm's turnover for the last 5 years in Rs. 500 as per the Form-E3 | Document fee of Rs. 500 as per Clause 2 of NIT | Power of Attorney on a stamp paper of Rs.100 and duly notarized authorizing to submit the proposal | In case a joint Venture/ Association of firms,the proposal shall be accompanied by a certified copy of legally binding Memorandum of Understanding(MOU) on a stamp paper of Rs.100, signed by all firms to the joint venture/ Association as detailed at para1.8.2 | A self-certification that the services offered meets the content requirement of local 'Class-I Local Supplier' | The Integrity Pact (IP) duly signed by Authorized signatory shall be submitted by the Consultant with technical Proposal & shall be part of the Contract Agreement |     |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                            | Yes                                                                                                                                                                | Yes |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                            | Yes                                                                                                                                                                | Yes |
| 3                                                                                                                                                                                                                                  | M/s. AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd    | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                            | Yes                                                                                                                                                                | Yes |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                            | Yes                                                                                                                                                                | Yes |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamma Technocats (OPC) (P) Ltd.               | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                            | Yes                                                                                                                                                                | Yes |
| 6                                                                                                                                                                                                                                  | M/s ARKTECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                                | Yes                                                                          | Yes                                                                | Yes                                            | Yes                                                                                                | Yes                                                                                                                                                                                                                                                                | Yes                                                                                                            | Yes                                                                                                                                                                | Yes |

| Residual bid capacity                                                                                                                                                                                                              |                                                                                                                                            |                       |                     |                       |                      |                       |            |          |                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|------------|----------|--------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                       |                     |                       |                      |                       |            |          |                          |
| Residual bid capacity                                                                                                                                                                                                              |                                                                                                                                            |                       |                     |                       |                      |                       |            |          |                          |
| S. No.                                                                                                                                                                                                                             | Name of Bidder                                                                                                                             | Status                | Percentage in share | Completed Length (CL) | Turnover Factor (TF) | Running Projects (RP) | R=CL*TF-RP |          | Eligible or Not-Eligible |
|                                                                                                                                                                                                                                    |                                                                                                                                            |                       |                     |                       |                      |                       | Assessed   | Assessed |                          |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Sole with Association | 100%                | 270.58                | 1.25                 | 164.06                | 174.16     | 174.16   | Eligible                 |
| 2                                                                                                                                                                                                                                  | M/s LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                      | Sole with Association | 100%                | 3192.00               | 1.25                 | 3461.78               | 528.22     | 528.22   | Eligible                 |
| 3                                                                                                                                                                                                                                  | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | JV-Lead               | 38%                 | 511.57                | 1.00                 | 279.97                | 231.60     | 160.19   | Eligible                 |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 37%                 | 173.39                | 1.25                 | 21.65                 | 195.09     |          |                          |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | JV-Lead               | 75%                 | 191.00                | 1.25                 | 147.01                | 91.74      | 95.89    | Eligible                 |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 25%                 | 164.49                | 1.00                 | 56.14                 | 108.35     |          |                          |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               | JV-Lead               | 40%                 | 178.77                | 1.00                 | 335.03                | -156.27    | -105.34  | Not-Eligible             |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 40%                 | 9.34                  | 1.00                 | 116.42                | -107.09    |          |                          |
| 6                                                                                                                                                                                                                                  | M/s ARKTECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                                | JV-Lead               | 60%                 | 328.43                | 1.00                 | 370.47                | -42.04     | -8.43    | Not-Eligible             |
|                                                                                                                                                                                                                                    |                                                                                                                                            | JV-Other              | 40%                 | 101.58                | 1.00                 | 59.59                 | 41.99      |          |                          |

### Minimum Eligibility

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                                       |                                                                                                                                                                                                                                           |                                                                                                      |                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| S.No.                                                                                                                                                                                                                              | Name of the Applicants                                                                                                                     | Preparation of DPR (NH/SH/Equivalent) | Firm should have also prepared DPR or Feasibility Study for at least one project of Expressway                                                                                                                                            | Annual Turnover                                                                                      | Residual Bid Capacity                                                        |
|                                                                                                                                                                                                                                    |                                                                                                                                            |                                       | A Firm applying for a package should have Experience of preparation of Detailed Project Report of two/four/six lane/ Feasibility Study of two/four/ six lane projects of aggregate length equal to the indicative length of the package . | Annual average turnover for last 5 years of the firm should be equal to or more than Rs.5,00 Crores. | Residual Bid Capacity 'R' shall be more than tentative length of the Package |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 3                                                                                                                                                                                                                                  | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | Yes                                                                          |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | No                                                                           |
| 6                                                                                                                                                                                                                                  | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                               | Yes                                   | Yes                                                                                                                                                                                                                                       | Yes                                                                                                  | No                                                                           |

| Relevant Experience for the Assignment                                                                                                                                                                                            |                                                                                                                                                                                                                                                                            |                        |            |         |         |         |         |         |         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------|---------|---------|---------|---------|---------|---------|
| Consulancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                            |                        |            |         |         |         |         |         |         |
| Firm's Relevant Experience                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                            |                        |            |         |         |         |         |         |         |
| S.No.                                                                                                                                                                                                                             | Applicant No.                                                                                                                                                                                                                                                              | Name of the Applicant. | Max Marks. | 1.00    | 2.00    | 3.00    | 4.00    | 5.00    | 6.00    |
|                                                                                                                                                                                                                                   | Description                                                                                                                                                                                                                                                                |                        |            | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
| A1                                                                                                                                                                                                                                | Firm's Profile, turnover and professionals working with the firm                                                                                                                                                                                                           |                        | 10         | 9       | 4       | 9       | 7.5     | 4       | 4       |
| 1                                                                                                                                                                                                                                 | Nos. of Key Professionals with the firm for more than 1 years*                                                                                                                                                                                                             |                        | 5          | 5       | 0       | 5       | 3.5     | 0       | 0       |
| 1.1                                                                                                                                                                                                                               | <10                                                                                                                                                                                                                                                                        |                        | 0          |         |         |         |         |         |         |
| 1.2                                                                                                                                                                                                                               | >10 but <25                                                                                                                                                                                                                                                                |                        | 1.5        |         |         |         |         |         |         |
| 1.3                                                                                                                                                                                                                               | >25 but <40                                                                                                                                                                                                                                                                |                        | 2.5        | 5       | 0       | 5       | 3.5     | 0       | 0       |
| 1.4                                                                                                                                                                                                                               | >40 but <60                                                                                                                                                                                                                                                                |                        | 3.5        |         |         |         |         |         |         |
| 1.5                                                                                                                                                                                                                               | >60                                                                                                                                                                                                                                                                        |                        | 5          |         |         |         |         |         |         |
| 2                                                                                                                                                                                                                                 | Specific experience of firms in terms of turnover in last five (5) Financial Years                                                                                                                                                                                         |                        | 5          |         |         |         |         |         |         |
| 2.1                                                                                                                                                                                                                               | Firm's Average Turnover of last 5 years >250 crore                                                                                                                                                                                                                         |                        | 5          |         |         |         |         |         |         |
| 2.2                                                                                                                                                                                                                               | Firm Average Turnover of last 5 years 50 - 250 crore                                                                                                                                                                                                                       |                        | 4          | 4       | 4       | 4       | 4       | 4       | 4       |
| 2.3                                                                                                                                                                                                                               | Firm Average Turnover of last 5 years >5 but < 50 crore                                                                                                                                                                                                                    |                        | 3.5        |         |         |         |         |         |         |
| A2                                                                                                                                                                                                                                | Firm's relevant experience in last 7 years for DPR work **                                                                                                                                                                                                                 |                        | 35         | 24      | 25.5    | 30      | 26.5    | 25      | 27      |
| 1                                                                                                                                                                                                                                 | Specific experience of the DPR consultancy related to the assignment for eligibility in the last 7 Financial Years                                                                                                                                                         |                        |            |         |         |         |         |         |         |
| 1.1                                                                                                                                                                                                                               | Aggregate Length of DPR / Feasibility study of 2/4/6 lane NH/SH/Expressway projects                                                                                                                                                                                        |                        | 10         | 6.5     | 10      | 10      | 10      | 10      | 10      |
| 1.1.1                                                                                                                                                                                                                             | More than the indicative Length of the package applied for                                                                                                                                                                                                                 |                        | 3.5        |         |         |         |         |         |         |
| 1.1.2                                                                                                                                                                                                                             | >2 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 4.5        |         |         |         |         |         |         |
| 1.1.3                                                                                                                                                                                                                             | >3 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 5          | 6.5     | 10      | 10      | 10      | 10      | 10      |
| 1.1.4                                                                                                                                                                                                                             | >4 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 6.5        |         |         |         |         |         |         |
| 1.1.5                                                                                                                                                                                                                             | >5 times the indicative length of the package applied for                                                                                                                                                                                                                  |                        | 8.5        |         |         |         |         |         |         |
| 1.1.6                                                                                                                                                                                                                             | > 6 times the indicative length of the package applied for                                                                                                                                                                                                                 |                        | 10         |         |         |         |         |         |         |
| 1.2                                                                                                                                                                                                                               | DPR for 2/4/6 Laning NH/SH/Expressway projects each equal to or more than 40 % of indicative length of a package applied for or Feasibility Study for 2/4/6 Laning NH/SH/Expressway projects each equal to or more than 40 % of indicative length of a package applied for |                        | 15         | 12.5    | 15      | 15      | 15      | 15      | 12.5    |
| 1.2.1                                                                                                                                                                                                                             | 1 project                                                                                                                                                                                                                                                                  |                        | 7.5        |         |         |         |         |         |         |
| 1.2.2                                                                                                                                                                                                                             | 2 projects                                                                                                                                                                                                                                                                 |                        | 9          |         |         |         |         |         |         |
| 1.2.3                                                                                                                                                                                                                             | 3 projects                                                                                                                                                                                                                                                                 |                        | 11         | 12.5    | 15      | 15      | 15      | 15      | 12.5    |
| 1.2.4                                                                                                                                                                                                                             | 4 projects                                                                                                                                                                                                                                                                 |                        | 12.5       |         |         |         |         |         |         |
| 1.2.5                                                                                                                                                                                                                             | 5-5 projects                                                                                                                                                                                                                                                               |                        | 15         |         |         |         |         |         |         |
| 2                                                                                                                                                                                                                                 | DPR of Major Bridges/ROB's having length more than 1000 m (excluding approaches)                                                                                                                                                                                           |                        | 5          | 5       | 4.5     | 5       | 3.5     | 0       | 4.5     |
| 2.1                                                                                                                                                                                                                               | 2 bridges                                                                                                                                                                                                                                                                  |                        | 3.5        |         |         |         |         |         |         |
| 2.2                                                                                                                                                                                                                               | 3 bridges                                                                                                                                                                                                                                                                  |                        | 4          |         |         |         |         |         |         |
| 2.3                                                                                                                                                                                                                               | 4 bridges                                                                                                                                                                                                                                                                  |                        | 4.5        | 5       | 4.5     | 5       | 3.5     | 0       | 4.5     |
| 2.4                                                                                                                                                                                                                               | 5-5 projects                                                                                                                                                                                                                                                               |                        | 5          |         |         |         |         |         |         |
| Total                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                            |                        | 45         | 33      | 33.5    | 39      | 36      | 29      | 31      |

| Material Testing, survey and investigation, equipment and software used by the Firm                                                                                                                                               |                                                                        |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                        |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| Description                                                                                                                                                                                                                       | 1.00                                                                   | 2.00                                                                          | 3.00                                                                                                                                                                                                                          | 4.00                                                                                                                                                                                         | 5.00                                                                                                                                                                           | 6.00                                                                                                              |
|                                                                                                                                                                                                                                   | M/s Geo Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s IN Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre | M/s AICONS Engineering M/s Bloom Companies LLC M/s Almondz Global Infra-Engineering Co. Engineering Services (P) with EKAM Venture in Association with M/s Techmah Engineering Ekamra Technocats (P) Ltd. & Advisory (P) Ltd. | M/s IN Melipor (P) Ltd. in JV with M/s Vedom Consultant Limited in JV with M/s Arkitechno Consultants (India) Pvt. Ltd. in Association with M/s IV with M/s Mangdan Infra & Engineering Ltd. | M/s Almondz Global Infra-Engineering Co. Engineering Services (P) with EKAM Venture in Association with M/s Techmah Engineering Ekamra Technocats (P) Ltd. & Advisory (P) Ltd. | M/s Arkitechno Consultants (India) Pvt. Ltd. in Association with M/s IV with M/s Mangdan Infra & Engineering Ltd. |
| 1 Availability of Material Testing Facilities with persons/resources having operational skills of the equipment                                                                                                                   | 0.75                                                                   | 0                                                                             | 0                                                                                                                                                                                                                             | 0                                                                                                                                                                                            | 0                                                                                                                                                                              | 0                                                                                                                 |
| 1.1 Owned* (Available In House) or Outsourced (Hire Agreement)                                                                                                                                                                    | 0.75                                                                   | 0                                                                             | 0                                                                                                                                                                                                                             | 0                                                                                                                                                                                            | 0                                                                                                                                                                              | 0                                                                                                                 |
| * Shall be ascertained through the ownership evidence uploaded on INFRACON in regard to major equipments required for testing of materials to be used for construction of Highway Project.                                        |                                                                        |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 2 Availability of minimum Field Investigation Facilities with persons/resources having operational skills of the equipment                                                                                                        | 0.5                                                                    | 0.5                                                                           | 0.5                                                                                                                                                                                                                           | 0                                                                                                                                                                                            | 0.5                                                                                                                                                                            | 0.5                                                                                                               |
| 2.1 Owned** (Available In House) or Outsourced (Hire Agreement)                                                                                                                                                                   | 0.5                                                                    | 0.5                                                                           | 0.5                                                                                                                                                                                                                           | 0                                                                                                                                                                                            | 0.5                                                                                                                                                                            | 0.5                                                                                                               |
| ** Shall be ascertained through ownership evidence uploaded on INFRACON for construction of Highway Project.                                                                                                                      |                                                                        |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 3 Availability of minimum Office Equipment and Software with persons/resources having operational skills of the equipment                                                                                                         | 0.75                                                                   | 0.75                                                                          | 0.75                                                                                                                                                                                                                          | 0                                                                                                                                                                                            | 0.75                                                                                                                                                                           | 0.75                                                                                                              |
| 3.1 Owned*** (Available In House) or Outsourced (Hire Agreement)                                                                                                                                                                  | 0.75                                                                   | 0.75                                                                          | 0.75                                                                                                                                                                                                                          | 0                                                                                                                                                                                            | 0.75                                                                                                                                                                           | 0.75                                                                                                              |
| *** Shall be ascertained through ownership evidence uploaded on INFRACON for key hardware/software required for Highway consultancy assignment.                                                                                   |                                                                        |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 4 Experience in use of LIDAR or better technology for topographic survey (infrastructure sector) in last 7 Financial Years                                                                                                        | 1.25                                                                   | 1.25                                                                          | 1.25                                                                                                                                                                                                                          | 1.25                                                                                                                                                                                         | 1.25                                                                                                                                                                           | 1.25                                                                                                              |
| 4.1 1 project                                                                                                                                                                                                                     | 0.25                                                                   |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 4.2 2 projects                                                                                                                                                                                                                    | 0.5                                                                    |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 4.3 3 projects                                                                                                                                                                                                                    | 0.75                                                                   | 1.25                                                                          | 1.25                                                                                                                                                                                                                          | 1.25                                                                                                                                                                                         | 1.25                                                                                                                                                                           | 1.25                                                                                                              |
| 4.4 4 projects                                                                                                                                                                                                                    | 1                                                                      |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 4.5 >=5 projects                                                                                                                                                                                                                  | 1.25                                                                   |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 5 Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (infrastructure sector) in last 7 Financial Years                                                                   | 1                                                                      | 1                                                                             | 1                                                                                                                                                                                                                             | 1                                                                                                                                                                                            | 1                                                                                                                                                                              | 1                                                                                                                 |
| 5.1 1 project                                                                                                                                                                                                                     | 0.25                                                                   |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 5.2 2 projects                                                                                                                                                                                                                    | 0.5                                                                    |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 5.3 3 projects                                                                                                                                                                                                                    | 0.75                                                                   | 1                                                                             | 1                                                                                                                                                                                                                             | 1                                                                                                                                                                                            | 1                                                                                                                                                                              | 1                                                                                                                 |
| 5.4 >= 4 projects                                                                                                                                                                                                                 | 1                                                                      |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 6 Experience in digitization of cadastral maps for land surveys in last 7 Financial Years                                                                                                                                         | 0.75                                                                   | 0.75                                                                          | 0.75                                                                                                                                                                                                                          | 0.75                                                                                                                                                                                         | 0.75                                                                                                                                                                           | 0.75                                                                                                              |
| 6.1 Area upto 100 ha                                                                                                                                                                                                              | 0.25                                                                   |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| 6.2 Area between 100-500 ha                                                                                                                                                                                                       | 0.5                                                                    | 0.75                                                                          | 0.75                                                                                                                                                                                                                          | 0.75                                                                                                                                                                                         | 0.75                                                                                                                                                                           | 0.75                                                                                                              |
| 6.3 Area > 500 ha                                                                                                                                                                                                                 | 0.75                                                                   |                                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                   |
| Total Points                                                                                                                                                                                                                      | 5                                                                      | 4.25                                                                          | 4.25                                                                                                                                                                                                                          | 4.25                                                                                                                                                                                         | 4.25                                                                                                                                                                           | 4.25                                                                                                              |

Technology

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.                                                                                                                              |            |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                |            | 1                                                                               | 2                                                                    | 3                                                                                                                                                     | 4                                                                                                       | 5                                                                                    | 6                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                    | Max Points | M/s Geo Designs and Research (P) Ltd. Association with M/s Sal Geotechnical Lab | M/s. IN Malviya (P) Ltd. Association with M/s Innovative-CADD Centre | M/s AICONS Engineering (P) M/s Bloom Companies LLC in JV M/s Engineering Co. Ltd. in Association with M/s Niya with M/s Nayra Civil Solutions (P) Ltd | M/s Vedom Engineering Consultant Limited in JV with EKAM Venture in JV with M/s Ekamra Engineering Ltd. | M/s Almondz Global Infra-structure Pvt. Ltd. in Association with Technocads (P) Ltd. | M/s ARKTECHNO CONSULTANTS (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd. |
|                                                                                                                                                                                                                                                                                                                                                                |            | Marks Assessed                                                                  | Marks Assessed                                                       | Marks Assessed                                                                                                                                        | Marks Assessed                                                                                          | Marks Assessed                                                                       | Marks Assessed                                                                              |
| Experience of Aerial LIDAR or equivalent technology for topographic survey (Infrastructure sector) with persons /resources having operational skills of the equipment with the firm Experience through owned or outsourced equipment supported by MOU/ lease Agreement                                                                                         | 1.5        | 1.5                                                                             | 0                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| (i) 1 project                                                                                                                                                                                                                                                                                                                                                  | 0.5        |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
| (ii) 2 projects                                                                                                                                                                                                                                                                                                                                                | 1          | 1.5                                                                             | 0                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| (iii) >2 projects                                                                                                                                                                                                                                                                                                                                              | 1.5        |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
| Experience of using Geo Physical Survey Equipment (Seismic Reflection/Seismic Refraction/Electrical Resistivity/AEM etc) for subsurface investigation with the firm through owned or outsourced equipment supported by MOU/lease Agreement                                                                                                                     | 1          | 1                                                                               | 1                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| (i) 1 Project                                                                                                                                                                                                                                                                                                                                                  | 0.5        |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
| (ii) >1 Project                                                                                                                                                                                                                                                                                                                                                | 1          | 1                                                                               | 1                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| Experience of use of advanced structural health monitoring systems which consists of accelerometers, Sensors, inclinometers, anemometer, Load measuring pin etc. with software to analyse the data and inter the structural health and residual life. The experience can be through owned or outsourced equipment & software supported by MOU/Lease Agreement. | 1.5        | 0                                                                               | 1                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| (i) 1-2 Major Bridges                                                                                                                                                                                                                                                                                                                                          | 0.5        |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
| (ii) 3-5 Major Bridges                                                                                                                                                                                                                                                                                                                                         | 1          | 0                                                                               | 1                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| (iii) >5 Major Bridges                                                                                                                                                                                                                                                                                                                                         | 1.5        |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
| Availability and experience in Processing of Satellite Imagery for the creation of Digital Elevation Model (DEM) and Digital Terrain Model (DTM) with the firm through owned or outsourced equipment supported by MOU/Lease Agreement                                                                                                                          | 1          | 0                                                                               | 0                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| (i) 1 project                                                                                                                                                                                                                                                                                                                                                  | 0.5        |                                                                                 |                                                                      |                                                                                                                                                       |                                                                                                         |                                                                                      |                                                                                             |
| (ii) >1 projects                                                                                                                                                                                                                                                                                                                                               | 1          | 0                                                                               | 0                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |
| Total Points                                                                                                                                                                                                                                                                                                                                                   | 5          | 2.5                                                                             | 2                                                                    | 0                                                                                                                                                     | 0                                                                                                       | 0                                                                                    | 0                                                                                           |



| Evaluation Criteria for assessment of score of Senior Bridge Engineer                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                                  |         |         |         |         |         |         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------|---------|---------|---------|---------|---------|---------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitriti section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |                                  |         |         |         |         |         |         |
| S.N<br>o.                                                                                                                                                                                                                           | Applicant No.<br>Name of the Applicant.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Max<br>Marks. | 2. Senior Bridge Design Engineer |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | 1                                | 2       | 3       | 4       | 5       | 5       |         |
|                                                                                                                                                                                                                                     | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |               | Assesed                          | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
| I                                                                                                                                                                                                                                   | General Qualification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30            | 22                               | 30      | 17      | 22      | 11      | 22      | 22      |
| i                                                                                                                                                                                                                                   | Graduation-Full time Graduation in Civil Engineering or equivalent from any IIT/ NIT/ IISc/ BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                                                                                                                                                                             | 10            | 10                               | 10      | 5       | 10      | 5       | 10      | 10      |
| ii                                                                                                                                                                                                                                  | Post Graduation-Full Time/Regular, PG in Structural/ Bridge Engineering* For PG from any IIT/ NIT/ IISc/ BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries* give full marks For other AICTE approved colleges give 50% marks i.e., 10 marks<br>Part-Time, PG in Structural/ Bridge Engineering *For PG from any IIT/ NIT/ IISc/ BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries* give full marks For other AICTE approved colleges give 50% marks i.e., 6 marks | 20            | 12                               | 20      | 12      | 12      | 6       | 12      | 12      |
| II                                                                                                                                                                                                                                  | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 65            | 44                               | 33      | 60      | 52      | 61      | 63      | 63      |
| b                                                                                                                                                                                                                                   | Experience in Bridge Projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Experience in Design/Construction of bridge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | < 8 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 8-10 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 5             |                                  |         |         |         |         |         |         |
| i                                                                                                                                                                                                                                   | >10-12 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8             | 12                               | 8       | 10      | 8       | 11      | 13      | 13      |
|                                                                                                                                                                                                                                     | 12-15 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | For each additional year add 1 mark subject to a maximum additional 5 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Experience of 2/4 lane configuration bridges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 15            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | < 2 Projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 2-4 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3             |                                  |         |         |         |         |         |         |
| ii                                                                                                                                                                                                                                  | 5-7 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6             | 6                                | 15      | 15      | 12      | 15      | 15      | 15      |
|                                                                                                                                                                                                                                     | 8-10 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 11-13 projects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 12            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | For each additional year add 0.5 mark subject to a maximum additional 3 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Experience as Senior Bridge Design Engineer or Similar Capacity in Highway Design Consultancy Projects (2/4/6 Laning of NH/SH/ Expressways) involving design of Major Bridges ( min 2 nos. of length more than 100m)                                                                                                                                                                                                                                                                                                                                                                   | 35            |                                  |         |         |         |         |         |         |
| c                                                                                                                                                                                                                                   | < 2 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 2-4 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 10            | 26                               | 10      | 35      | 32      | 35      | 35      | 35      |
|                                                                                                                                                                                                                                     | 5-6 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 7-8 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 20            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 9-10 numbers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 25            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | For design of each additional project add 1 mark subject to a maximum additional 10 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10            |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Employment with Firm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5             |                                  |         |         |         |         |         |         |
| III                                                                                                                                                                                                                                 | > 1 Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | 1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2             | 5                                | 5       | 3.5     | 3       | 0       | 0       | 0       |
|                                                                                                                                                                                                                                     | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 3             |                                  |         |         |         |         |         |         |
|                                                                                                                                                                                                                                     | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 100           | 71                               | 68      | 80.5    | 77      | 72      | 85      | 85      |
|                                                                                                                                                                                                                                     | Weightage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8             | 5.68                             | 5.44    | 6.44    | 6.16    | 5.76    | 6.8     | 6.8     |

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| 3. HIGHWAY DESIGN ENGINEER                                                                                                                       |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|---------|---------|---------|---------|---------|
| S.No                                                                                                                                             | Applicant No.                                                                                                                                                                                                                                                          |            | 1       | 2       | 3       | 4       | 5       | 6       |
|                                                                                                                                                  | Name of the Applicant.                                                                                                                                                                                                                                                 | Max Marks. |         |         |         |         |         |         |
| I                                                                                                                                                | Description                                                                                                                                                                                                                                                            |            | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
|                                                                                                                                                  | General Qualification                                                                                                                                                                                                                                                  |            | 5       | 15      | 15      | 10      | 20      | 15      |
|                                                                                                                                                  | Graduation-Full time Graduation in Civil Engineering or equivalent from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks |            | 5       | 5       | 10      | 10      | 5       | 5       |
|                                                                                                                                                  | Post Graduation-Full Time /Regular- PG in Transportation/Highway Engineering*<br>For other AICTE approved colleges give 50% marks i.e., 7.5 marks                                                                                                                      |            | 0       | 10      | 5       | 0       | 15      | 10      |
|                                                                                                                                                  | Part-Time- PG in Transportation/Highway Engineering *<br>For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                |            |         |         |         |         |         |         |
|                                                                                                                                                  | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                         |            | 57.5    | 65      | 65      | 70      | 37.5    | 60      |
|                                                                                                                                                  | Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/ Expressways)                                                                                                                                        |            | 20      |         |         |         |         |         |
|                                                                                                                                                  | b)                                                                                                                                                                                                                                                                     |            |         |         |         |         |         |         |
|                                                                                                                                                  | 6-10 years                                                                                                                                                                                                                                                             |            | 0       |         |         |         |         |         |
|                                                                                                                                                  | 10-15 years                                                                                                                                                                                                                                                            |            | 10      |         |         |         |         |         |
| 15-20 years                                                                                                                                      |                                                                                                                                                                                                                                                                        | 15         |         |         |         |         |         |         |
| 20-30 years                                                                                                                                      |                                                                                                                                                                                                                                                                        | 20         |         |         |         |         |         |         |
| c)                                                                                                                                               |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
| Experience in Similar Capacity                                                                                                                   |                                                                                                                                                                                                                                                                        | 50         |         |         |         |         |         |         |
| In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity (Minimum aggregate length 120 km)         |                                                                                                                                                                                                                                                                        | 30         |         |         |         |         |         |         |
| d)                                                                                                                                               |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
| <120 km                                                                                                                                          |                                                                                                                                                                                                                                                                        | 0          |         |         |         |         |         |         |
| 120 km-200 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 10         |         |         |         |         |         |         |
| 200 km-300 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 12.5       |         |         |         |         |         |         |
| 300 km-400 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 15         |         |         |         |         |         |         |
| 400 km-500 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 17.5       |         |         |         |         |         |         |
| 500 km-600 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 20         |         |         |         |         |         |         |
| 600 km-700 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 22.5       |         |         |         |         |         |         |
| 700 km-800 km                                                                                                                                    |                                                                                                                                                                                                                                                                        | 25         |         |         |         |         |         |         |
| Add 2.5 marks for each additional 100 km length subject to maximum of 5 additional marks                                                         |                                                                                                                                                                                                                                                                        | 5          |         |         |         |         |         |         |
| e)                                                                                                                                               |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
| In Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) in Similar Capacity-Number of Projects (Minimum length 25 km) |                                                                                                                                                                                                                                                                        | 20         |         |         |         |         |         |         |
| f)                                                                                                                                               |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
| 2 projects                                                                                                                                       |                                                                                                                                                                                                                                                                        | 8          |         |         |         |         |         |         |
| 3-5 projects                                                                                                                                     |                                                                                                                                                                                                                                                                        | 10         |         |         |         |         |         |         |
| 5-8 projects                                                                                                                                     |                                                                                                                                                                                                                                                                        | 12.5       |         |         |         |         |         |         |
| 8-10 projects                                                                                                                                    |                                                                                                                                                                                                                                                                        | 15         |         |         |         |         |         |         |
| 10-15 projects                                                                                                                                   |                                                                                                                                                                                                                                                                        | 20         |         |         |         |         |         |         |
| g)                                                                                                                                               |                                                                                                                                                                                                                                                                        |            |         |         |         |         |         |         |
| Employment with Firm                                                                                                                             |                                                                                                                                                                                                                                                                        | 5          |         |         |         |         |         |         |
| 1 Year                                                                                                                                           |                                                                                                                                                                                                                                                                        | 0          |         |         |         |         |         |         |
| 1 year                                                                                                                                           |                                                                                                                                                                                                                                                                        | 5          |         |         |         |         |         |         |
| Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                             |                                                                                                                                                                                                                                                                        | 3          |         |         |         |         |         |         |
| Total                                                                                                                                            |                                                                                                                                                                                                                                                                        | 100        | 67.5    | 85      | 85      | 85      | 57.5    | 78.5    |
| Weightage                                                                                                                                        |                                                                                                                                                                                                                                                                        | 6          | 4.05    | 5.1     | 5.1     | 5.1     | 3.45    | 4.71    |

Evaluation Criteria for assessment of score of Traffic/ Road Signage/ Marking and Safety Expert

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

4. Traffic/ Road Signage/ Marking and Safety Expert

| S.N<br>o. | Applicant No.<br><br>Name of the Applicant.                                                                                                                                                                                                                          | 1       | 2       | 3       | 4       | 5       | 6       |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|
|           |                                                                                                                                                                                                                                                                      | Assesed | Assesed | Assesed | Assesed | Assesed | Assesed |
| I         | General Qualification                                                                                                                                                                                                                                                | 25      | 10      | 25      | 10      | 10      | 12.5    |
|           | Graduation:-Full time Graduation in Civil Engineering or equivalent from any IIT/NIT/JISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries For other AICTE approved colleges give 50% marks i.e., 5 marks | 10      | 10      | 10      | 10      | 5       | 5       |
|           | Post Graduation:-Full Time/Regular- PG in Traffic/ Transportation/Safety Engineering or equivalent*                                                                                                                                                                  | 15      |         |         |         |         |         |
|           | Part-Time- PG in Traffic/ Transportation/Safety Engineering or equivalent*                                                                                                                                                                                           | 10      |         |         |         |         |         |
|           | For other AICTE approved colleges give 50% marks i.e., 5 marks                                                                                                                                                                                                       | 0       | 0       | 15      | 0       | 5       | 7.5     |
| II        | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                       | 70      | 65      | 60      | 55      | 60      | 55      |
|           | Experience in Highway Projects - Experience on Similar Projects (2/4/6 laning of NH/SH/ Expressways) in similar capacity                                                                                                                                             | 35      |         |         |         |         |         |
|           | <5 years                                                                                                                                                                                                                                                             | 0       |         |         |         |         |         |
|           | 5-8 years                                                                                                                                                                                                                                                            | 10      |         |         |         |         |         |
|           | >8-10 years                                                                                                                                                                                                                                                          | 15      |         |         |         |         |         |
|           | >10-15 years                                                                                                                                                                                                                                                         | 20      |         |         |         |         |         |
|           | >15-20 years                                                                                                                                                                                                                                                         | 25      |         |         |         |         |         |
|           | >20-25 years                                                                                                                                                                                                                                                         | 30      |         |         |         |         |         |
|           | >25 years                                                                                                                                                                                                                                                            | 35      |         |         |         |         |         |
|           | Experience as Traffic and Safety Expert/ Traffic Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)                                                                                           | 35      |         |         |         |         |         |
|           | <120 km                                                                                                                                                                                                                                                              | 0       |         |         |         |         |         |
| c)        | 120 km-200 km                                                                                                                                                                                                                                                        | 35      | 35      | 35      | 35      | 35      | 35      |
|           | >200 km-300 km                                                                                                                                                                                                                                                       | 10      |         |         |         |         |         |
|           | >300 km-400 km                                                                                                                                                                                                                                                       | 15      |         |         |         |         |         |
|           | >400 km- 500 km                                                                                                                                                                                                                                                      | 20      |         |         |         |         |         |
|           | >500 km-600 km                                                                                                                                                                                                                                                       | 25      |         |         |         |         |         |
|           | >600 km                                                                                                                                                                                                                                                              | 30      |         |         |         |         |         |
| III       | Employment with Firm                                                                                                                                                                                                                                                 | 35      |         |         |         |         |         |
|           | < 1 Year                                                                                                                                                                                                                                                             | 5       |         |         |         |         |         |
|           | 1 year                                                                                                                                                                                                                                                               | 0       |         |         |         |         |         |
|           | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                 | 2       |         |         |         |         |         |
|           | Total                                                                                                                                                                                                                                                                | 3       |         |         |         |         |         |
|           | Weightage                                                                                                                                                                                                                                                            | 100     | 80      | 82      | 65      | 70      | 68      |
|           |                                                                                                                                                                                                                                                                      | 4       | 3.75    | 4.1     | 3.25    | 3.5     | 3.38    |

Evaluation Criteria for assessment of score of Environmental Specialist

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| S.N<br>o.                                                            | Applicant No.                                                                                                                                                                                                                                                                                                                   |               | 5. Environmental Specialist                                                        |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------|
|                                                                      | Name of the Applicant.                                                                                                                                                                                                                                                                                                          | Max<br>Marks. | 1                                                                                  | 2                                                                                | 3                                                                                                                                                                                                | 4                                                                                                                                  | 5                                                           | 6        |
|                                                                      |                                                                                                                                                                                                                                                                                                                                 |               | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Projects (P) Ltd. in Association with M/s Innovative CADD Centre | M/s AICONS Engineering (P) Ltd. in JV with M/s YONGMA JV with M/s Vedom Engineering Co. Ltd. in Services (P) Ltd. in Association with M/s Nitya with M/s Techhub Engineering & Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekama Manglam Infra & Engineering Ltd. | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s |          |
| Description                                                          |                                                                                                                                                                                                                                                                                                                                 |               | Assessed                                                                           | Assessed                                                                         | Assessed                                                                                                                                                                                         | Assessed                                                                                                                           | Assessed                                                    | Assessed |
| I                                                                    | General Qualification                                                                                                                                                                                                                                                                                                           | 25            | 15                                                                                 | 5                                                                                | 5                                                                                                                                                                                                | 10                                                                                                                                 | 10                                                          | 10       |
| i)                                                                   | Graduation-Full time Graduation in Civil Engineering/ Environment Engineering/ Masters in Environment Science from any IIT/NIIT/IISC/ BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks            | 10            | 5                                                                                  | 5                                                                                | 5                                                                                                                                                                                                | 10                                                                                                                                 | 10                                                          | 10       |
| ii)                                                                  | Post Graduation-Full Time/Regular- PG or Doctorate in Environmental Engineering/ Environment Management or equivalent<br>For other colleges give 50% marks i.e., 7.5 marks<br>Part-Time- PG or Doctorate in Environmental Engineering/ Environment Management or equivalent.<br>For other colleges give 50% marks i.e., 5 marks | 15            | 10                                                                                 | 0                                                                                | 0                                                                                                                                                                                                | 0                                                                                                                                  | 0                                                           | 0        |
| III)                                                                 | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                                                                                  | 70            | 64                                                                                 | 69                                                                               | 70                                                                                                                                                                                               | 70                                                                                                                                 | 70                                                          | 66       |
| a)                                                                   | Total Professional Experience                                                                                                                                                                                                                                                                                                   | 15            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | <5 years                                                                                                                                                                                                                                                                                                                        | 0             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | 6-8 years                                                                                                                                                                                                                                                                                                                       | 11            | 13                                                                                 | 15                                                                               | 15                                                                                                                                                                                               | 15                                                                                                                                 | 15                                                          | 15       |
|                                                                      | >8-10 years                                                                                                                                                                                                                                                                                                                     | 13            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | >10 years                                                                                                                                                                                                                                                                                                                       | 15            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
| b)                                                                   | Experience in Highway Projects - Experience in Environment impact assessment of Highway Projects (2½/6 laning of NH/SH/ Expressways)                                                                                                                                                                                            | 25            | 22                                                                                 | 25                                                                               | 25                                                                                                                                                                                               | 25                                                                                                                                 | 25                                                          | 22       |
|                                                                      | <5 years                                                                                                                                                                                                                                                                                                                        | 0             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | 5-7 years                                                                                                                                                                                                                                                                                                                       | 19            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | >7-10 years                                                                                                                                                                                                                                                                                                                     | 22            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | >10 years                                                                                                                                                                                                                                                                                                                       | 25            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
| c)                                                                   | Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2½/6 laning of NH/SH/Expressways)                                                                                                                                                                                                            | 15            | 15                                                                                 | 14                                                                               | 15                                                                                                                                                                                               | 15                                                                                                                                 | 15                                                          | 15       |
|                                                                      | <2 projects                                                                                                                                                                                                                                                                                                                     | 0             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | 2-4 projects                                                                                                                                                                                                                                                                                                                    | 12            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | 5-7 projects                                                                                                                                                                                                                                                                                                                    | 14            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | >7 projects                                                                                                                                                                                                                                                                                                                     | 15            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
| d)                                                                   | Experience as Environmental Specialist or in Similar Capacity in Highway Projects (2½/6 laning of NH/SH/Expressways)                                                                                                                                                                                                            | 15            | 14                                                                                 | 15                                                                               | 15                                                                                                                                                                                               | 15                                                                                                                                 | 15                                                          | 14       |
|                                                                      | <5 years                                                                                                                                                                                                                                                                                                                        | 0             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | 5-7 years                                                                                                                                                                                                                                                                                                                       | 12            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | >7-10 years                                                                                                                                                                                                                                                                                                                     | 14            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | >10 years                                                                                                                                                                                                                                                                                                                       | 15            |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
| Employment with Firm                                                 |                                                                                                                                                                                                                                                                                                                                 | 5             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
|                                                                      | > 1 Year                                                                                                                                                                                                                                                                                                                        | 0             | 5                                                                                  | 5                                                                                | 0                                                                                                                                                                                                | 2                                                                                                                                  | 0                                                           | 0        |
| 1 year                                                               |                                                                                                                                                                                                                                                                                                                                 | 2             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
| Add 0.5 marks for each subsequent year subject to maximum of 3 marks |                                                                                                                                                                                                                                                                                                                                 | 3             |                                                                                    |                                                                                  |                                                                                                                                                                                                  |                                                                                                                                    |                                                             |          |
| Total                                                                |                                                                                                                                                                                                                                                                                                                                 | 100           | 84                                                                                 | 79                                                                               | 75                                                                                                                                                                                               | 82                                                                                                                                 | 80                                                          | 76       |
| Weightage                                                            |                                                                                                                                                                                                                                                                                                                                 | 4             | 3.26                                                                               | 3.16                                                                             | 3                                                                                                                                                                                                | 3.28                                                                                                                               | 3.2                                                         | 3.04     |

Evaluation Criteria for assessment of score of Material-cum-Geo-Technical Engineer

| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallabara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                                             |                                                                                    |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|--|------|
| 6. Material-cum-Geo-Technical Engineer                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                             |                                                                                    |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
| S.N.                                                                                                                                                                                                                               | Applicant No.                                                                                                                                                                                                                                                                               | 1                                                                                  | 2                                                                                                                                                                 | 3                                                                                                                                                                                    | 4                                                                                                                                                    | 5       | 6       |  |      |
| o.                                                                                                                                                                                                                                 | Name of the Applicant.                                                                                                                                                                                                                                                                      | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Infra (P) Ltd. in JV with M/s IV Projects (P) Ltd. in YONGMA Engineering Co. Association with Innovative CADD Centre M/s Nitya Solutions (P) Ltd. | M/s AICONS Engineering M/s Bloom Companies LLC in JV with M/s IV with M/s Vedom Consultant Limited in JV with EKAM Venture in Association with M/s Ekama Technocats & (OPC) (P) Ltd. | M/s Almondz Global Infra-structure Pvt. Ltd. in JV with M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd. |         |         |  |      |
|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                             | Assesed                                                                            | Assesed                                                                                                                                                           | Assesed                                                                                                                                                                              | Assesed                                                                                                                                              | Assesed | Assesed |  |      |
| I                                                                                                                                                                                                                                  | General Qualification                                                                                                                                                                                                                                                                       | 25                                                                                 | 5                                                                                                                                                                 | 10                                                                                                                                                                                   | 20                                                                                                                                                   | 10      | 10      |  |      |
|                                                                                                                                                                                                                                    | Graduation: Full time Graduation in Civil Engineering or equivalent or M.Sc. in Geology from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 50% marks i.e., 5 marks | 10                                                                                 | 5                                                                                                                                                                 | 10                                                                                                                                                                                   | 5                                                                                                                                                    | 10      | 10      |  |      |
| ii)                                                                                                                                                                                                                                | Post Graduation: Full Time/Regular- PG in Foundation engineering/ Soil Mechanics/Geo Tech Engineering or Phd in Geology*<br>For other AICTE approved colleges give 50% marks i.e., 7.5 marks                                                                                                | 15                                                                                 | 0                                                                                                                                                                 | 0                                                                                                                                                                                    | 15                                                                                                                                                   | 0       | 0       |  |      |
|                                                                                                                                                                                                                                    | Part-Time- PG in Foundation engineering/ Soil Mechanics/Geo Tech Engineering or Phd in Geology*<br>For other colleges give 50% marks i.e., 5 marks                                                                                                                                          | 10                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
| III)                                                                                                                                                                                                                               | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                                              | 70                                                                                 | 55                                                                                                                                                                | 70                                                                                                                                                                                   | 11                                                                                                                                                   | 52.5    | 55      |  |      |
|                                                                                                                                                                                                                                    | Total Professional Experience                                                                                                                                                                                                                                                               | 15                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | <10 years                                                                                                                                                                                                                                                                                   | 0                                                                                  |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
| a)                                                                                                                                                                                                                                 | 10-12 years                                                                                                                                                                                                                                                                                 | 11                                                                                 | 15                                                                                                                                                                | 15                                                                                                                                                                                   | 11                                                                                                                                                   | 15      | 15      |  | 15   |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                                                | 13                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >15 years                                                                                                                                                                                                                                                                                   | 15                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | Experience in Highway Projects - In Similar Projects (2/4/6 laning of NH/SH/ Expressways) in design and or Construction/ Construction Supervision                                                                                                                                           | 20                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
| b)                                                                                                                                                                                                                                 | <7 years                                                                                                                                                                                                                                                                                    | 0                                                                                  | 20                                                                                                                                                                | 20                                                                                                                                                                                   | 0                                                                                                                                                    | 17.5    | 20      |  | 20   |
|                                                                                                                                                                                                                                    | 7-10 years                                                                                                                                                                                                                                                                                  | 15                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >10-12 years                                                                                                                                                                                                                                                                                | 17.5                                                                               |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >12 years                                                                                                                                                                                                                                                                                   | 20                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | Experience as Material cum Geo-technical Engineer or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 120 km)                                                                                                                          | 20                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
| c)                                                                                                                                                                                                                                 | <120 km                                                                                                                                                                                                                                                                                     | 0                                                                                  | 20                                                                                                                                                                | 20                                                                                                                                                                                   | 0                                                                                                                                                    | 20      | 20      |  | 20   |
|                                                                                                                                                                                                                                    | 120 km -200 km                                                                                                                                                                                                                                                                              | 15                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >200 km-300 km                                                                                                                                                                                                                                                                              | 17.5                                                                               |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >300 km                                                                                                                                                                                                                                                                                     | 20                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | Experience in Similar Capacity on Highway Projects (2/4/6 laning of NH/SH/Expressways) in DPR preparation of slope protection measures and land slide management in hill roads (Traditional protection works such as Retaining wall, breast wall, gabion wall shall not be considered)      | 15                                                                                 | 0                                                                                                                                                                 | 0                                                                                                                                                                                    | 15                                                                                                                                                   | 0       | 0       |  | 0    |
| d)                                                                                                                                                                                                                                 | <1 project                                                                                                                                                                                                                                                                                  | 0                                                                                  |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | 1-2 projects                                                                                                                                                                                                                                                                                | 10                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >2 projects                                                                                                                                                                                                                                                                                 | 15                                                                                 |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | Employment with Firm                                                                                                                                                                                                                                                                        | 5                                                                                  |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | >1 Year                                                                                                                                                                                                                                                                                     | 0                                                                                  |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
| III                                                                                                                                                                                                                                | 1 Year                                                                                                                                                                                                                                                                                      | 2                                                                                  | 3                                                                                                                                                                 | 0                                                                                                                                                                                    | 0                                                                                                                                                    | 2       | 0       |  | 0    |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                                        | 3                                                                                  |                                                                                                                                                                   |                                                                                                                                                                                      |                                                                                                                                                      |         |         |  |      |
|                                                                                                                                                                                                                                    | Total                                                                                                                                                                                                                                                                                       | 100                                                                                | 63                                                                                                                                                                | 80                                                                                                                                                                                   | 31                                                                                                                                                   | 64.5    | 65      |  | 65   |
|                                                                                                                                                                                                                                    | Weightage                                                                                                                                                                                                                                                                                   | 4                                                                                  | 3.15                                                                                                                                                              | 4                                                                                                                                                                                    | 1.55                                                                                                                                                 | 3.225   | 3.25    |  | 3.25 |

| Evaluation Criteria for assessment of Senior Survey Engineer                                                                                                                                                                       |                                                                                                                                                                                                                                                                          |                                                                                                           |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------|-----------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                          |                                                                                                           |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| 7. Senior Survey Engineer                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                          |                                                                                                           |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| Applicant No.                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                          | 1                                                                                                         |            | 2                                                                         |            | 3                                                                                                                                     |            | 4                                                                                                                         |            | 5                                                                                                                  |               | 6                                                                                            |           |
| S.N o.                                                                                                                                                                                                                             | Name of the Applicant.                                                                                                                                                                                                                                                   | M/s Geo Designs and M/s. LN Malviya Infra Research (P) Ltd. in Association with M/s Saf Grootchritnal Lab |            | M/s. LN Malviya Infra (P) Ltd. in Association with Innovative CADD Centre |            | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongna Engineering Co. Ltd. in Association with M/s Niya Nayra Civil Solutions (P) Ltd |            | M/s Bloom Computer JV with Engineering Services (P) Ltd. in Association with M/s Alkshata Engineering & Advisory (P) Ltd. |            | M/s Almondz Vedon Consultant Limited in JV with EKAM Venture in Association with M/s Ekama Technods (OPC) (P) Ltd. |               | M/s ARKTECHNO CONSULTANTS (India) Pvt. Ltd. in JV with M/s Mangalam Infra & Engineering Ltd. |           |
|                                                                                                                                                                                                                                    | Description                                                                                                                                                                                                                                                              | Assesed                                                                                                   |            | Assesed                                                                   |            | Assesed                                                                                                                               |            | Assesed                                                                                                                   |            | Assesed                                                                                                            |               | Assesed                                                                                      |           |
| I                                                                                                                                                                                                                                  | General Qualification                                                                                                                                                                                                                                                    | 25                                                                                                        | 18         | 18                                                                        | 18         | 18                                                                                                                                    | 18         | 18                                                                                                                        | 18         | 18.75                                                                                                              | 18.75         | 25                                                                                           | 25        |
|                                                                                                                                                                                                                                    | For Full Time Diploma in Civil Engng or Diploma in Surveying or equivalent from any Central/State Government Engineering College of Repute or Engineering Colleges of Developed Countries*<br>For other govt. approved colleges give 75% marks i.e. 13.5 marks.          | 18                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| i)                                                                                                                                                                                                                                 | Graduations-Full time/Part Time Graduation in Civil Engineering from any IIT/NIT/JISC/BITS or other State Government Engineering Colleges of Repute or Engineering Colleges of Developed Countries<br>For other AICTE approved colleges give 75% marks i.e., 18.75 marks | 25                                                                                                        | 18         | 18                                                                        | 18         | 18                                                                                                                                    | 18         | 18                                                                                                                        | 18         | 18.75                                                                                                              | 18.75         | 25                                                                                           | 25        |
| II)                                                                                                                                                                                                                                | Relevant Experience & Adequacy for the Project                                                                                                                                                                                                                           | 70                                                                                                        | 60         | 57                                                                        | 65         | 65                                                                                                                                    | 65         | 65                                                                                                                        | 65         | 60                                                                                                                 | 60            | 35                                                                                           | 35        |
|                                                                                                                                                                                                                                    | Total Professional Experience                                                                                                                                                                                                                                            | 15                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | <10years                                                                                                                                                                                                                                                                 | 0                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| a)                                                                                                                                                                                                                                 | 10-12 years                                                                                                                                                                                                                                                              | 11                                                                                                        | 15         | 15                                                                        | 15         | 15                                                                                                                                    | 15         | 15                                                                                                                        | 15         | 15                                                                                                                 | 15            | 15                                                                                           | 15        |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                             | 13                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >15 years                                                                                                                                                                                                                                                                | 15                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| b)                                                                                                                                                                                                                                 | Experience in Highway Projects                                                                                                                                                                                                                                           | 25                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | Experience Similar Projects (24/6 laning of NH/SH/ Expressways) in project preparation/Construction/ Supervision                                                                                                                                                         | 20                                                                                                        | 20         | 17                                                                        | 20         | 20                                                                                                                                    | 20         | 20                                                                                                                        | 20         | 20                                                                                                                 | 20            | 0                                                                                            | 0         |
| i)                                                                                                                                                                                                                                 | <8 years                                                                                                                                                                                                                                                                 | 0                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | 8-10 years                                                                                                                                                                                                                                                               | 15                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >10-12 years                                                                                                                                                                                                                                                             | 17                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >12 years                                                                                                                                                                                                                                                                | 20                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | Knowledge and understanding of modern Computer based method of Surveying such as LIDAR Survey (ground or aerial), remote sensing, GIS mapping etc.                                                                                                                       | 5                                                                                                         | 0          | 0                                                                         | 0          | 0                                                                                                                                     | 0          | 0                                                                                                                         | 0          | 5                                                                                                                  | 5             | 0                                                                                            | 0         |
| ii)                                                                                                                                                                                                                                | Certification from an accredited institute to be submitted for validation                                                                                                                                                                                                | 5                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | Yes                                                                                                                                                                                                                                                                      | 5                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | No                                                                                                                                                                                                                                                                       | 0                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | Experience as Survey Engineer or in Similar Capacity for project preparation of Highway Projects (24/6 laning of NH/SH/Expressways) (Minimum Aggregate Length of 120 km)                                                                                                 | 30                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| c)                                                                                                                                                                                                                                 | <120 km                                                                                                                                                                                                                                                                  | 0                                                                                                         | 25         | 25                                                                        | 30         | 30                                                                                                                                    | 30         | 30                                                                                                                        | 30         | 20                                                                                                                 | 20            | 20                                                                                           | 20        |
|                                                                                                                                                                                                                                    | 120-200 km                                                                                                                                                                                                                                                               | 10                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >200-300 km                                                                                                                                                                                                                                                              | 15                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >300-400 km                                                                                                                                                                                                                                                              | 20                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >400-500 km                                                                                                                                                                                                                                                              | 25                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | >500 km                                                                                                                                                                                                                                                                  | 30                                                                                                        |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | Employment with Firm                                                                                                                                                                                                                                                     | 5                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | > 1 Year                                                                                                                                                                                                                                                                 | 0                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
| III                                                                                                                                                                                                                                | 1 year                                                                                                                                                                                                                                                                   | 2                                                                                                         | 5          | 0                                                                         | 0          | 0                                                                                                                                     | 0          | 0                                                                                                                         | 0          | 0                                                                                                                  | 0             | 0                                                                                            | 0         |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                     | 3                                                                                                         |            |                                                                           |            |                                                                                                                                       |            |                                                                                                                           |            |                                                                                                                    |               |                                                                                              |           |
|                                                                                                                                                                                                                                    | Total Weightage                                                                                                                                                                                                                                                          | 100                                                                                                       | 83<br>3.32 | 75<br>3                                                                   | 83<br>3.32 | 83<br>3.32                                                                                                                            | 83<br>3.32 | 83<br>3.32                                                                                                                | 83<br>3.32 | 78.75<br>3.15                                                                                                      | 78.75<br>3.15 | 60<br>2.4                                                                                    | 60<br>2.4 |

| Evaluation Criteria for assessment of Quantity Surveyor/Documentation Expert                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                         |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                                                                                                                                                                                                                         |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
| 8. Quantity Surveyor/Documentation Expert                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                         |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
| S.No.                                                                                                                                                                                                                              | Applicant No.                                                                                                                                                                                                                                                                                                                           | Max Mark s. | 1                                                                                  | 2                                                                            | 3                                                                                                                                      | 4                                                                                                                                          | 5                                                                                                                           | 6                                                                                                                 |
|                                                                                                                                                                                                                                    | Name of the Applicant.                                                                                                                                                                                                                                                                                                                  |             | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s LN Malviya Infra Projects (P) Ltd. in Association with Innovative Centre | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering & Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) P) Ltd. | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in Association with M/s JV with M/s Manglam Infra & Engineering Ltd. |
|                                                                                                                                                                                                                                    | Description                                                                                                                                                                                                                                                                                                                             |             | Assesed                                                                            | Assesed                                                                      | Assesed                                                                                                                                | Assesed                                                                                                                                    | Assesed                                                                                                                     | Assesed                                                                                                           |
| I                                                                                                                                                                                                                                  | <b>General Qualification</b>                                                                                                                                                                                                                                                                                                            | 25          | 15                                                                                 | 15                                                                           | 15                                                                                                                                     | 15                                                                                                                                         | 0                                                                                                                           | 7.5                                                                                                               |
|                                                                                                                                                                                                                                    | <b>Graduation</b> -Full time Graduation in Civil Engineering                                                                                                                                                                                                                                                                            |             |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | i) For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of Developed Countries                                                                                                                                                                                     | 15          | 15                                                                                 | 15                                                                           | 15                                                                                                                                     | 15                                                                                                                                         | 0                                                                                                                           | 7.5                                                                                                               |
|                                                                                                                                                                                                                                    | ii) Full Time Post-Graduate Degree or Diploma in Quantity Surveying [AICTE/UGC Approved]                                                                                                                                                                                                                                                | 10          | 0                                                                                  | 0                                                                            | 0                                                                                                                                      | 0                                                                                                                                          | 0                                                                                                                           | 0                                                                                                                 |
| II                                                                                                                                                                                                                                 | <b>Relevant Experience &amp; Adequacy for the Project</b>                                                                                                                                                                                                                                                                               | 70          | 67.5                                                                               | 45                                                                           | 67.5                                                                                                                                   | 57.5                                                                                                                                       | 65                                                                                                                          | 45                                                                                                                |
|                                                                                                                                                                                                                                    | <b>Total Professional Experience</b>                                                                                                                                                                                                                                                                                                    | 15          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | a) <10years                                                                                                                                                                                                                                                                                                                             | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | 10-12 years                                                                                                                                                                                                                                                                                                                             | 11          | 15                                                                                 | 15                                                                           | 15                                                                                                                                     | 15                                                                                                                                         | 15                                                                                                                          | 15                                                                                                                |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                                                                                            | 13          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >15 years                                                                                                                                                                                                                                                                                                                               | 15          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Experience in preparation of Bill of Quantities, Contract documents and documentation for major highway projects (2/4/6 laning of NH/SH/Expressways) in Assistant Quantity Surveyor or in similar capacity</b>                                                                                                                       | 25          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | b) <8 years                                                                                                                                                                                                                                                                                                                             | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | 8-10 years                                                                                                                                                                                                                                                                                                                              | 12.5        | 25                                                                                 | 0                                                                            | 22.5                                                                                                                                   | 15                                                                                                                                         | 20                                                                                                                          | 0                                                                                                                 |
|                                                                                                                                                                                                                                    | >10-12 years                                                                                                                                                                                                                                                                                                                            | 15          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >12-15 years                                                                                                                                                                                                                                                                                                                            | 17.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >15-18 years                                                                                                                                                                                                                                                                                                                            | 20          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >18-20 years                                                                                                                                                                                                                                                                                                                            | 22.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >20 years                                                                                                                                                                                                                                                                                                                               | 25          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Experience as Quantity Surveyor or in Similar Capacity in Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum Aggregate length of 120km) *Consider full length experience in Quantity Surveyor or in similar capacity and consider 2/3 length experience in case of Assistant Quantity Surveyor or in similar capacity</b> | 30          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | c) <120 km                                                                                                                                                                                                                                                                                                                              | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | 120-200 km                                                                                                                                                                                                                                                                                                                              | 15          | 27.5                                                                               | 30                                                                           | 30                                                                                                                                     | 27.5                                                                                                                                       | 30                                                                                                                          | 30                                                                                                                |
|                                                                                                                                                                                                                                    | >200-300 km                                                                                                                                                                                                                                                                                                                             | 17.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >300-400 km                                                                                                                                                                                                                                                                                                                             | 20          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >400-500 km                                                                                                                                                                                                                                                                                                                             | 22.5        |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >500-600 km                                                                                                                                                                                                                                                                                                                             | 25          |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | >600 km add 2.5 marks for each additional 100 km experience subject maximum 5 additional marks                                                                                                                                                                                                                                          | 5           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | <b>Employment with Firm</b>                                                                                                                                                                                                                                                                                                             | 5           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | > 1 Year                                                                                                                                                                                                                                                                                                                                | 0           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
| III                                                                                                                                                                                                                                | 1 year                                                                                                                                                                                                                                                                                                                                  | 2           | 2                                                                                  | 2.5                                                                          | 0                                                                                                                                      | 2.5                                                                                                                                        | 0                                                                                                                           | 0                                                                                                                 |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                                                                                                                                    | 3           |                                                                                    |                                                                              |                                                                                                                                        |                                                                                                                                            |                                                                                                                             |                                                                                                                   |
|                                                                                                                                                                                                                                    | Total                                                                                                                                                                                                                                                                                                                                   | 100         | 84.5                                                                               | 62.5                                                                         | 82.5                                                                                                                                   | 75                                                                                                                                         | 0                                                                                                                           | 52.5                                                                                                              |
|                                                                                                                                                                                                                                    | Weightage                                                                                                                                                                                                                                                                                                                               | 2           | 1.69                                                                               | 1.25                                                                         | 1.65                                                                                                                                   | 1.5                                                                                                                                        | 0                                                                                                                           | 1.05                                                                                                              |

| Evaluation Criteria for assessment of Land Acquisition Expert                                                                                                                                                                      |                                                                      |               |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                      |               |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
| 9. Land Acquisition Expert                                                                                                                                                                                                         |                                                                      |               |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
| S.N<br>o.                                                                                                                                                                                                                          | Applicant No.                                                        | Max<br>Marks. | 1                                                                                  | 2                                                                                      | 3                                                                               | 4                                                                                                                                                                | 5                                                                                                                            | 6                                                                                          |
|                                                                                                                                                                                                                                    | Name of the Applicant.                                               |               | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre | M/s AICONS Engineering (P) Ltd. in JV with Yongma Engineering Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Nitya Nayra Civil M/s Techhub Engineering & Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd. | M/s ARKITECHNOCONSULTANTS (India) Pvt Ltd. in JV with M/s Manglam Infra & Engineering Ltd. |
| Description                                                                                                                                                                                                                        |                                                                      |               | Assessed                                                                           | Assessed                                                                               | Assessed                                                                        | Assessed                                                                                                                                                         | Assessed                                                                                                                     | Assessed                                                                                   |
| I                                                                                                                                                                                                                                  | General Qualification                                                | 25            | 20                                                                                 | 20                                                                                     | 20                                                                              | 25                                                                                                                                                               | 20                                                                                                                           | 20                                                                                         |
| i)                                                                                                                                                                                                                                 | Graduation or equivalent in any discipline                           | 20            | 20                                                                                 | 20                                                                                     | 20                                                                              | 20                                                                                                                                                               | 20                                                                                                                           | 20                                                                                         |
| ii)                                                                                                                                                                                                                                | Post Graduation in law                                               | 5             | 0                                                                                  | 0                                                                                      | 0                                                                               | 5                                                                                                                                                                | 0                                                                                                                            | 0                                                                                          |
| II                                                                                                                                                                                                                                 | Relevant Experience & Adequacy for the Project                       | 70            | 70                                                                                 | 70                                                                                     | 57                                                                              | 60                                                                                                                                                               | 60                                                                                                                           | 40                                                                                         |
| a)                                                                                                                                                                                                                                 | Total Professional Experience                                        | 15            | 15                                                                                 | 15                                                                                     | 15                                                                              | 15                                                                                                                                                               | 15                                                                                                                           | 15                                                                                         |
|                                                                                                                                                                                                                                    | <15 years                                                            | 0             |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 15-17 years                                                          | 11            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >17-20 years                                                         | 13            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >20 years                                                            | 15            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
| b)                                                                                                                                                                                                                                 | Experience in Land Acquisition works of Government/Authority         | 20            | 20                                                                                 | 20                                                                                     | 17                                                                              | 20                                                                                                                                                               | 20                                                                                                                           | 0                                                                                          |
|                                                                                                                                                                                                                                    | <10 years                                                            | 0             |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 10-12 years                                                          | 15            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >12-15 years                                                         | 17            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | >15 years                                                            | 20            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
| c)                                                                                                                                                                                                                                 | Experience in Land Acquisition works in Highway/road sector          | 25            | 25                                                                                 | 25                                                                                     | 25                                                                              | 25                                                                                                                                                               | 25                                                                                                                           | 25                                                                                         |
|                                                                                                                                                                                                                                    | Nil Project                                                          | 0             |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 1 project                                                            | 19            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 2 projects                                                           | 22            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 3 projects                                                           | 25            |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
| d)                                                                                                                                                                                                                                 | Retired Revenue Officer at the level of ADM/SDM/Tehsildar            | 10            | 10                                                                                 | 10                                                                                     | 0                                                                               | 0                                                                                                                                                                | 0                                                                                                                            | 0                                                                                          |
| III                                                                                                                                                                                                                                | Employment with Firm                                                 | 5             | 0                                                                                  | 0                                                                                      | 5                                                                               | 5                                                                                                                                                                | 5                                                                                                                            | 0                                                                                          |
|                                                                                                                                                                                                                                    | > 1 Year                                                             | 0             |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | 1 year                                                               | 2             |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Add 0.5 marks for each subsequent year subject to maximum of 3 marks | 3             |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
|                                                                                                                                                                                                                                    | Total                                                                | 100           |                                                                                    |                                                                                        |                                                                                 |                                                                                                                                                                  |                                                                                                                              |                                                                                            |
| Weightage                                                                                                                                                                                                                          |                                                                      | 4             | 3.6                                                                                | 3.6                                                                                    | 3.28                                                                            | 3.6                                                                                                                                                              | 3.4                                                                                                                          | 2.4                                                                                        |

| Evaluation Criteria for assessment of Utility Expert                                                                                                                                                                               |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| 10. Utility Expert                                                                                                                                                                                                                 |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| S.N o.                                                                                                                                                                                                                             | Applicant No. | 1                                                                                  | 2                                                                                       | 3                                                                                                                                      | 4                                                                                                                                        | 5                                                                                                                            | 6                                                                                          |
| Name of the Applicant.                                                                                                                                                                                                             | Max Marks     | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADDE Centre | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongma Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Techhub Engineering Advisory (P) Ltd. | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd. | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra Engineering Ltd. |
| Description                                                                                                                                                                                                                        |               | Assesed                                                                            | Assesed                                                                                 | Assesed                                                                                                                                | Assesed                                                                                                                                  | Assesed                                                                                                                      | Assesed                                                                                    |
| <b>I General Qualification</b>                                                                                                                                                                                                     | 25            | 12.5                                                                               | 12.5                                                                                    | 12.5                                                                                                                                   | 25                                                                                                                                       | 25                                                                                                                           | 12.5                                                                                       |
| <b>Graduation:-</b> Full time Graduation in Electrical Engineering                                                                                                                                                                 |               |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| i) For Graduation from any IIT/NIT/IISC/BITS or other State Government Engineering College of Repute or Engineering Colleges of                                                                                                    | 25            | 12.5                                                                               | 12.5                                                                                    | 12.5                                                                                                                                   | 25                                                                                                                                       | 25                                                                                                                           | 12.5                                                                                       |
| <b>II) Relevant Experience &amp; Adequacy for the Project</b>                                                                                                                                                                      | 70            | 55.5                                                                               | 60.5                                                                                    | 53.5                                                                                                                                   | 53.5                                                                                                                                     | 42.5                                                                                                                         | 31                                                                                         |
| <b>Total Professional Experience</b>                                                                                                                                                                                               | 15            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| <10years                                                                                                                                                                                                                           | 0             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| a) 10-15 years                                                                                                                                                                                                                     | 11            | 13                                                                                 | 13                                                                                      | 11                                                                                                                                     | 11                                                                                                                                       | 15                                                                                                                           | 11                                                                                         |
| >15-20 years                                                                                                                                                                                                                       | 13            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| >20 years                                                                                                                                                                                                                          | 15            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| <b>Experience in Utility estimation and its laying/</b>                                                                                                                                                                            | 30            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| <8 years                                                                                                                                                                                                                           | 0             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| b) 8-10 years                                                                                                                                                                                                                      | 15            | 17.5                                                                               | 22.5                                                                                    | 17.5                                                                                                                                   | 17.5                                                                                                                                     | 27.5                                                                                                                         | 0                                                                                          |
| >10-15 years                                                                                                                                                                                                                       | 17.5          |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| >15-20 years                                                                                                                                                                                                                       | 22.5          |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| >20-25 years                                                                                                                                                                                                                       | 27.5          |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| >25 years                                                                                                                                                                                                                          | 30            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| <b>Experience in Utility shifting estimation and its laying/ erection along Highway/roads</b>                                                                                                                                      | 25            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| c) Nil Projects                                                                                                                                                                                                                    | 0             | 25                                                                                 | 25                                                                                      | 25                                                                                                                                     | 25                                                                                                                                       | 0                                                                                                                            | 20                                                                                         |
| 1-3 projects                                                                                                                                                                                                                       | 15            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| 4-6 projects                                                                                                                                                                                                                       | 20            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| >6 projects                                                                                                                                                                                                                        | 25            |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| <b>Employment with Firm</b>                                                                                                                                                                                                        | 5             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| > 1 Year                                                                                                                                                                                                                           | 0             | 4                                                                                  | 0                                                                                       | 4                                                                                                                                      | 5                                                                                                                                        | 0                                                                                                                            | 0                                                                                          |
| 1 year                                                                                                                                                                                                                             | 2             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| Add 0.5 marks for each subsequent year subject to maximum of 3 marks                                                                                                                                                               | 3             |                                                                                    |                                                                                         |                                                                                                                                        |                                                                                                                                          |                                                                                                                              |                                                                                            |
| Total                                                                                                                                                                                                                              | 100           | 72                                                                                 | 73                                                                                      | 70                                                                                                                                     | 83.5                                                                                                                                     | 67.5                                                                                                                         | 43.5                                                                                       |
| Weightage                                                                                                                                                                                                                          | 2             | 1.44                                                                               | 1.46                                                                                    | 1.4                                                                                                                                    | 1.67                                                                                                                                     | 1.35                                                                                                                         | 0.87                                                                                       |

Summary of CV's

Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitri section) from 2 lane PS to 4 Lane configuration in the state of Odisha.

| S.No. | Applicant No.<br>Name of the Applicant.<br>Key Position: | Max<br>Marks | 1.00                                                                                                                                                                                                                                                                                                                           |                   |               | 2.00                                                                                                                                                                                                                                                                                                                           |               |                   | 3.00                                                                                                                                                                                                                                                                                                                           |                   |               | 4.00                                                                                                                                                                                                                                                                                                                           |               |                   | 5.00                                                                                                                                                                                                                                                                                                                           |                   |               | 6.00                                                                                                                                                                                                                                                                                                                           |               |                   |
|-------|----------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
|       |                                                          |              | M/s Geo Designs and Research (P) Ltd. M/s. LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-Engineering Consultant Limited in JV with M/s ARKTECHNO Consultants in Association with M/s Sai Ltd. in Association with M/s Innovative CADD Centre |                   |               | M/s Geo Designs and Research (P) Ltd. M/s. LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-Engineering Consultant Limited in JV with M/s ARKTECHNO Consultants in Association with M/s Sai Ltd. in Association with M/s Innovative CADD Centre |               |                   | M/s Geo Designs and Research (P) Ltd. M/s. LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-Engineering Consultant Limited in JV with M/s ARKTECHNO Consultants in Association with M/s Sai Ltd. in Association with M/s Innovative CADD Centre |                   |               | M/s Geo Designs and Research (P) Ltd. M/s. LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-Engineering Consultant Limited in JV with M/s ARKTECHNO Consultants in Association with M/s Sai Ltd. in Association with M/s Innovative CADD Centre |               |                   | M/s Geo Designs and Research (P) Ltd. M/s. LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-Engineering Consultant Limited in JV with M/s ARKTECHNO Consultants in Association with M/s Sai Ltd. in Association with M/s Innovative CADD Centre |                   |               | M/s Geo Designs and Research (P) Ltd. M/s. LN Malviya Infra Projects (P) in JV with M/s AICONS Engineering (P) Ltd. M/s Bloom Companies LLC in JV M/s Almondz Global Infra-Engineering Consultant Limited in JV with M/s ARKTECHNO Consultants in Association with M/s Sai Ltd. in Association with M/s Innovative CADD Centre |               |                   |
|       |                                                          |              | Assesed Marks                                                                                                                                                                                                                                                                                                                  | Assesed weightage | Assesed Marks | Assesed weightage                                                                                                                                                                                                                                                                                                              | Assesed Marks | Assesed weightage | Assesed Marks                                                                                                                                                                                                                                                                                                                  | Assesed weightage | Assesed Marks | Assesed weightage                                                                                                                                                                                                                                                                                                              | Assesed Marks | Assesed weightage | Assesed Marks                                                                                                                                                                                                                                                                                                                  | Assesed weightage | Assesed Marks | Assesed weightage                                                                                                                                                                                                                                                                                                              | Assesed Marks | Assesed weightage |
| 1     | Team Leader-cum-Senior Highway Engineer                  | 10           | 81                                                                                                                                                                                                                                                                                                                             | 8.1               | 0.00          | 0.00                                                                                                                                                                                                                                                                                                                           | 88.00         | 8.80              | 80.00                                                                                                                                                                                                                                                                                                                          | 8.00              | 83.00         | 8.30                                                                                                                                                                                                                                                                                                                           | 76.00         | 7.60              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 2     | Senior Bridge Design Engineer                            | 8            | 71                                                                                                                                                                                                                                                                                                                             | 5.68              | 68.00         | 5.44                                                                                                                                                                                                                                                                                                                           | 80.50         | 6.44              | 77.00                                                                                                                                                                                                                                                                                                                          | 6.16              | 72.00         | 5.76                                                                                                                                                                                                                                                                                                                           | 85.00         | 6.80              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 3     | Highway Design Engineer                                  | 6            | 68                                                                                                                                                                                                                                                                                                                             | 4.05              | 85.00         | 5.10                                                                                                                                                                                                                                                                                                                           | 85.00         | 5.10              | 85.00                                                                                                                                                                                                                                                                                                                          | 5.10              | 57.50         | 3.45                                                                                                                                                                                                                                                                                                                           | 78.50         | 4.71              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 4     | Traffic/ Road Signage/ Marking and Safety Expert         | 5            | 80                                                                                                                                                                                                                                                                                                                             | 4.00              | 75.00         | 3.75                                                                                                                                                                                                                                                                                                                           | 82.00         | 4.10              | 65.00                                                                                                                                                                                                                                                                                                                          | 3.25              | 70.00         | 3.50                                                                                                                                                                                                                                                                                                                           | 67.50         | 3.38              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 5     | Environmental Specialist                                 | 4            | 84                                                                                                                                                                                                                                                                                                                             | 3.36              | 79.00         | 3.16                                                                                                                                                                                                                                                                                                                           | 75.00         | 3.00              | 82.00                                                                                                                                                                                                                                                                                                                          | 3.28              | 80.00         | 3.20                                                                                                                                                                                                                                                                                                                           | 76.00         | 3.04              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 6     | Material-cum-Geo-technical Engineer-Geologist            | 5            | 80                                                                                                                                                                                                                                                                                                                             | 4.00              | 63.00         | 3.15                                                                                                                                                                                                                                                                                                                           | 80.00         | 4.00              | 31.00                                                                                                                                                                                                                                                                                                                          | 1.55              | 65.00         | 3.25                                                                                                                                                                                                                                                                                                                           | 65.00         | 3.25              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 7     | Senior Survey Engineer                                   | 4            | 83                                                                                                                                                                                                                                                                                                                             | 3.32              | 75.00         | 3.00                                                                                                                                                                                                                                                                                                                           | 83.00         | 3.32              | 83.00                                                                                                                                                                                                                                                                                                                          | 3.32              | 78.75         | 3.15                                                                                                                                                                                                                                                                                                                           | 60.00         | 2.40              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 8     | Quantity Surveyor/Documentation Expert                   | 2            | 84.5                                                                                                                                                                                                                                                                                                                           | 1.69              | 62.50         | 1.25                                                                                                                                                                                                                                                                                                                           | 82.50         | 1.65              | 75.00                                                                                                                                                                                                                                                                                                                          | 1.50              | 0.00          | 0.00                                                                                                                                                                                                                                                                                                                           | 52.50         | 1.05              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 9     | Land Acquisition Expert                                  | 4            | 90                                                                                                                                                                                                                                                                                                                             | 3.60              | 90.00         | 3.60                                                                                                                                                                                                                                                                                                                           | 82.00         | 3.28              | 90.00                                                                                                                                                                                                                                                                                                                          | 3.60              | 85.00         | 3.40                                                                                                                                                                                                                                                                                                                           | 60.00         | 2.40              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
| 10    | Utility Expert                                           | 2            | 72                                                                                                                                                                                                                                                                                                                             | 1.44              | 73.00         | 1.46                                                                                                                                                                                                                                                                                                                           | 70.00         | 1.40              | 83.50                                                                                                                                                                                                                                                                                                                          | 1.67              | 67.50         | 1.35                                                                                                                                                                                                                                                                                                                           | 43.50         | 0.87              |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |
|       | Total                                                    | 50           |                                                                                                                                                                                                                                                                                                                                | 39.24             |               | 29.91                                                                                                                                                                                                                                                                                                                          |               | 41.09             |                                                                                                                                                                                                                                                                                                                                | 37.43             |               | 35.36                                                                                                                                                                                                                                                                                                                          |               | 35.50             |                                                                                                                                                                                                                                                                                                                                |                   |               |                                                                                                                                                                                                                                                                                                                                |               |                   |

**Final Summary**

| Final Summary sheet                                                                                                                                                                                                                |                                                                                                                                            |                                  |                                                                                      |                                 |                                                                                          |          |                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------------------------|----------|-------------------------|
| Consultancy Services for Preparation of Detailed Project Report for Rehabilitation and Up-gradation of NH-149 from Km.0.000 to 68.280 (Pallahara to Pitiri section) from 2 lane PS to 4 Lane configuration in the state of Odisha. |                                                                                                                                            |                                  |                                                                                      |                                 |                                                                                          |          |                         |
| S. No.                                                                                                                                                                                                                             | Name of Bidder                                                                                                                             | Relevant Experience for the firm | Material testing, survey & investigation, equipment and software proposed to be used | Experience in use of Technology | Qualifications and relevant experience of the proposed key personnel                     | Total    | Status of the Applicant |
|                                                                                                                                                                                                                                    |                                                                                                                                            |                                  |                                                                                      |                                 |                                                                                          | Assessed |                         |
| 1                                                                                                                                                                                                                                  | M/s Geo Designs and Research (P) Ltd. in Association with M/s Sai Geotechnical Lab                                                         | 33.00                            | 4.25                                                                                 | 2.50                            | 39.24                                                                                    | 78.99    | Responsive              |
| 2                                                                                                                                                                                                                                  | M/s. LN Malviya Infra Projects (P) Ltd. in Association with M/s Innovative CADD Centre                                                     |                                  |                                                                                      |                                 | Non-Responsive as per Clause 3.2.4 (ii) & 5.2 "Letter of Invitation" section of the RFP. |          | Non- Responsive         |
| 3                                                                                                                                                                                                                                  | M/s AICONS Engineering (P) Ltd. in JV with M/s Yongna Engineering Co. Ltd. in Association with M/s Nitya Nayra Civil Solutions (P) Ltd     | 39.00                            | 4.25                                                                                 | 0.00                            | 41.09                                                                                    | 84.34    | Responsive              |
| 4                                                                                                                                                                                                                                  | M/s Bloom Companies LLC in JV with M/s Vedom Engineering Services (P) Ltd. in Association with M/s Technub Engineering & Advisory (P) Ltd. | 36.00                            | 3.00                                                                                 | 0.00                            | 37.43                                                                                    | 76.43    | Responsive              |
| 5                                                                                                                                                                                                                                  | M/s Almondz Global Infra-Consultant Limited in JV with EKAM Venture in Association with M/s Ekamra Technocats (OPC) (P) Ltd.               |                                  |                                                                                      |                                 | Non-Responsive as per Clause 3.1.3 & 5.2 "Letter of Invitation" section of the RFP.      |          | Non- Responsive         |
| 6                                                                                                                                                                                                                                  | M/s ARKITECHNO Consultants (India) Pvt. Ltd. in JV with M/s Manglam Infra & Engineering Ltd.                                               |                                  |                                                                                      |                                 | Non-Responsive as per Clause 3.1.3 "Letter of Invitation" section of the RFP.            |          | Non- Responsive         |