



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

## National Highways Authority of India

(Ministry of Road Transport and Highways, Govt. of India)

क्षेत्रीय कार्यालय, सी-129, विद्यालय मार्ग, पथ संख्या 2सी,

अशोक नगर, राँची-834002 (झारखण्ड)

Regional Office - Ranchi, C-129, Vidyalaya Marg, Road No. 2C,

Ashok Nagar, Ranchi - 834002 (Jharkhand)

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NHAI/RO/Jharkhand/DPR/NH-33/2021/

Dated: 10.03.2023

**To**

### All bidders

**Sub:** Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand- **Results of Technical evaluation-reg**

The Final Technical Score of the firms after evaluation of representations received from the bidders are as under:

| S.no | Bidders                                                                                                           | Technical Score | Responsiveness | Remarks                                                                                                                                             |
|------|-------------------------------------------------------------------------------------------------------------------|-----------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | -               | Non-Responsive | Team Leader not meeting the essential experience as prescribed in Enclosure-II of TOR of RFP. Non-responsive as per clause 3.2.4(ii) of LOI of RFP. |
| 2.   | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd                            | -               | Non-Responsive | Team Leader failed to score 75 marks. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.                                                         |
| 3.   | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd.                           | 87.33           | Responsive     |                                                                                                                                                     |
| 4.   | URS Scott Wilson India Private Limited in association with Sri Infotech                                           | 89.90           | Responsive     |                                                                                                                                                     |

**Regional officer, Ranchi**

National Highways Authority of India

Ashok Nagar, Ranchi

**Tel:** 91-0651-2244029/30

**E-mail:** roranchi@nhai.org

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

|   | Description                                        | Max marks | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.                                                  | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd                     | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|---|----------------------------------------------------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| A | Experience of the firm                             | 40        | Not Evaluated. Team Leader not meeting the essential experience as prescribed in Enclosure-II of TOR of RFP. Non-responsive as per clause 3.2.4(ii) of LOI of RFP. | Not Evaluated. Team Leader failed to score 75 marks. Non-responsive as per clause 3.2.4(ii) of LOI of RFP. | 35                                                                                      | 35                                                                      |
| B | Material testing survey etc                        | 20        |                                                                                                                                                                    |                                                                                                            | 17                                                                                      | 16.00                                                                   |
| C | Qualification and relevant experience of personnel | 40        |                                                                                                                                                                    |                                                                                                            | 35.33                                                                                   | 38.90                                                                   |
|   | Total                                              | 100       |                                                                                                                                                                    |                                                                                                            | 87.33                                                                                   | 89.90                                                                   |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

**A. Firm's relevant experience in last 7 years**

| S.No. | Description                                                                                                                                                                                                                                | Maximum Points | Sub-Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 1     | Specific experience of the DPR consultancy related to the assignment for eligibility                                                                                                                                                       | 15             |            | Not Evaluated                                                                                                     | Not Evaluated                                                                          |                                                                                         |                                                                         |
| 1.1   | Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects                                                                                                                                                                        | 8              |            |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 1.1.1 | More than the indicative Length of the package applied for                                                                                                                                                                                 |                | 6          |                                                                                                                   |                                                                                        | 8                                                                                       | 8                                                                       |
| 1.1.2 | More than 2 times the indicative length of the package applied for                                                                                                                                                                         |                | 7          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 1.1.3 | More than 3 times the indicative length of the package applied for                                                                                                                                                                         |                | 8          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 1.2   | DPR for 2/4/6 laning projects each equal to or more than 40 % of indicative length of a package applied for (or Feasibility Study for 2/4/6 laning projects each equal to or more than 60 % of indicative length of a package applied for) | 7              |            | Not Evaluated                                                                                                     | Not Evaluated                                                                          |                                                                                         |                                                                         |
| 1.2.1 | 1 project                                                                                                                                                                                                                                  |                | 5          |                                                                                                                   |                                                                                        | 7                                                                                       | 7                                                                       |
| 1.2.2 | 2 projects                                                                                                                                                                                                                                 |                | 6          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 1.2.3 | ≥ 3 projects                                                                                                                                                                                                                               |                | 7          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 2     | DPR of Bridge having length more than 200 m                                                                                                                                                                                                | 5              |            |                                                                                                                   |                                                                                        | 5                                                                                       | 5                                                                       |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

| S.No. | Description                                                  | Maximum Points | Sub-Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri InfoTech |
|-------|--------------------------------------------------------------|----------------|------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 2.1   | 1 bridge                                                     |                | 1          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 2.2   | 2 bridges                                                    |                | 2          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 2.3   | 3 bridges                                                    |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 2.4   | 4 bridges                                                    |                | 4          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 2.5   | ≥ 5 bridges                                                  |                | 5          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 3     | Specific experience of firms in terms of turnover            | 5              |            |                                                                                                                   |                                                                                        | 5                                                                                       | 5                                                                       |
| 3.1   | Firm's Average Turnover of last 5 years >50 crore            |                | 5          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 3.2   | Firm Average Turnover of last 5 years 20-50 crore            |                | 4.5        |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 3.3   | Firm Average Turnover of last 5 years >5 crore but <20 crore |                | 4          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 4     | DPR for special category projects (Special bridges)          |                |            |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 4.1   | DPR of number of special bridges/ tunnels (if applicable)    | 5              |            | Not Evaluated                                                                                                     | Not Evaluated                                                                          | 0                                                                                       | 0                                                                       |
| 4.1.1 | 1 project                                                    |                | 1          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 4.1.2 | 2 projects                                                   |                | 2          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 4.1.3 | 3 projects                                                   |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 4.1.4 | 4 projects                                                   |                | 4          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| 4.1.5 | ≥ 5 projects                                                 |                | 5          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

| S.No. | Description                                   | Maximum Points | Sub-points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Thieme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|-------|-----------------------------------------------|----------------|------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| 5     | Highway Professionals * working with the firm | 10             |            |                                                                                                                   |                                                                                        |                                                                                          |                                                                         |
| 5.1   | <10 nos.                                      |                | 0          |                                                                                                                   |                                                                                        |                                                                                          |                                                                         |
| 5.2   | 10-20 nos.                                    |                | 8          |                                                                                                                   |                                                                                        | 10                                                                                       | 10                                                                      |
| 5.3   | >20-30 nos.                                   |                | 9          |                                                                                                                   |                                                                                        |                                                                                          |                                                                         |
| 5.4   | >30 nos.                                      |                | 10         |                                                                                                                   |                                                                                        |                                                                                          |                                                                         |
|       | Total                                         |                |            |                                                                                                                   |                                                                                        | 35                                                                                       | 35                                                                      |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

B. Material testing, survey and investigation, equipment and software proposed to be used (20)

| S. No. | Description                                                                                                      | Maximum Points | Sub-Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech        |
|--------|------------------------------------------------------------------------------------------------------------------|----------------|------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1      | Availability of Material Testing Facilities with persons/resources having operational skills of the equipment    | 3              |            | Not Evaluated                                                                                                     | Not Evaluated                                                                          | 3                                                                                       | 2.25 (Through Associate)                                                       |
| 1.1    | Owned* (Available In House)                                                                                      |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |
| 1.2    | Outsourced (Hire basis/Through Associate)                                                                        |                | 2.25       |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |
| 2      | Availability of Field Investigation Facilities with persons/resources having operational skills of the equipment | 2              |            |                                                                                                                   |                                                                                        | 2                                                                                       | 1.5 (Through Associate)                                                        |
| 2.1    | Owned** (Available In House)                                                                                     |                | 2          |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |
| 2.2    | Outsourced (Hire basis/Through Associate)                                                                        |                | 1.5        |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |
| 3      | Availability of Office Equipment and Software with persons/resources having operational skills of the equipment  | 3              |            | Not Evaluated                                                                                                     | Not Evaluated                                                                          | 3                                                                                       | 2.25 (ownership evidence as a proof of in House availability is not submitted) |
| 3.1    | Owned*** (Available In House)                                                                                    |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |
| 3.2    | Outsourced (Hire basis/Through Associate)                                                                        |                | 2.25       |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |
| 4      | Experience in LIDAR or better technology for topographic survey (Infrastructure sector)                          | 5              |            |                                                                                                                   |                                                                                        | 5                                                                                       | 5                                                                              |
|        |                                                                                                                  |                |            |                                                                                                                   |                                                                                        |                                                                                         |                                                                                |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

| S. No. | Description                                                                                                                         | Maximum Points | Sub-Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Willson India Private Limited in association with Sri Infotech |
|--------|-------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 4.1    | 1 project                                                                                                                           |                | 1          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 4.2    | 2 projects                                                                                                                          |                | 2          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 4.3    | 3 projects                                                                                                                          |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 4.4    | 4 projects                                                                                                                          |                | 4          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 4.5    | ≥ 5 projects                                                                                                                        |                | 5          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 5      | Experience in using GPR and Induction Locator or better technologies for detection of sub-surface utilities (Infrastructure sector) | 4              |            |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 5.1    | 1 project                                                                                                                           |                | 1          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 5.2    | 2 projects                                                                                                                          |                | 2          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 5.3    | 3 projects                                                                                                                          |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 5.4    | ≥ 4 projects                                                                                                                        |                | 4          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 6      | Experience in Bridge investigation using MBIU (Mobile bridge inspection unit)                                                       | 3              |            |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 6.1    | 1 project                                                                                                                           |                | 1          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 6.2    | 2 projects                                                                                                                          |                | 2          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| 6.3    | ≥ 3 projects                                                                                                                        |                | 3          |                                                                                                                   |                                                                                        |                                                                                         |                                                                          |
| Total  |                                                                                                                                     |                |            | Not Evaluated                                                                                                     | Not Evaluated                                                                          | 17                                                                                      | 16                                                                       |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

**C. Qualification and Competence of the Key Staff for adequacy of the Assignment.**

**1. TEAM LEADER cum SENIOR BRIDGE ENGINEER**

| S. No. | Description                                                                                      | Max. Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd.                                                                      | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|--------|--------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| I      | <b>General Qualification</b>                                                                     | 25          | No project having length of 50 km. Team Leader not meeting the essential experience as prescribed in Enclosure-II of TOR of RFP. Non-responsive as per clause 3.2.4(ii) of LOI of RFP. |                                                                                        |                                                                                  |                                                                         |
| i)     | Degree in Civil Engineering or equivalent [AICTE Approved]                                       | 20          |                                                                                                                                                                                        | 20                                                                                     | 20                                                                               | 20                                                                      |
| ii)    | Post Graduation in Structural Engineering, Degree/Diploma/Certificate in Construction Management | 5           |                                                                                                                                                                                        | 0                                                                                      | 5                                                                                | 5                                                                       |
| I      | <b>Relevant Experience &amp; Adequacy for the Project</b>                                        | 70          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
| a)     | <b>Total Professional Experience</b>                                                             | 15          |                                                                                                                                                                                        | 11                                                                                     | 15                                                                               | 15                                                                      |
|        | <15 years                                                                                        | 0           |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
|        | 15-18 years                                                                                      | 11          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
|        | >18-21 years                                                                                     | 13          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
|        | > 21 years                                                                                       | 15          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
| (b)    | <b>Experience in Bridge Project - Experience in major Construction / Development Project</b>     | 25          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
|        | < 5 years                                                                                        | 0           |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
|        | 6-8 years                                                                                        | 19          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |
|        | >8-10 years                                                                                      | 22          |                                                                                                                                                                                        |                                                                                        |                                                                                  |                                                                         |

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Mallicolli-Kalgauli-Mianulda section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

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**Team Leader failed to score 75 marks. Non-responsive as per clause 3.2.4(ii) of LOI of RFP.**

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

2. HIGHWAY cum PAVEMENT ENGINEER

| S.No. | Description                                                                                                                    | Max. Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|-------|--------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| I     | General Qualification                                                                                                          | 25          | Not Evaluated                                                                                                     | Not Evaluated                                                                          |                                                                                         |                                                                         |
| i)    | Degree in Civil Engineering or equivalent [AICTE Approved]                                                                     |             |                                                                                                                   |                                                                                        | 20                                                                                      | 20                                                                      |
| ii)   | Post graduation in Highway Engg/ Transportation Engineering[AICTE Approved]                                                    | 5           |                                                                                                                   |                                                                                        | 5                                                                                       | 5                                                                       |
| II    | Relevant Experience & Adequacy for the Project                                                                                 | 70          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| a)    | Total Professional Experience                                                                                                  | 15          |                                                                                                                   |                                                                                        | 15                                                                                      | 15                                                                      |
|       | <8years                                                                                                                        | 0           |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|       | 8-12 years                                                                                                                     | 11          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|       | >12-15 years                                                                                                                   | 13          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|       | >15 years                                                                                                                      | 15          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| (b)   | Experience in Highway Projects - Experience in Design/ Pavement Design of Highway Projects (2/4/6 laning of NH/SH/Expressways) | 25          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|       | <6 years                                                                                                                       | 0           |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|       | 6-10years                                                                                                                      | 19          |                                                                                                                   |                                                                                        | 19                                                                                      | 25                                                                      |
|       | >10-15 years                                                                                                                   | 22          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|       | >15years                                                                                                                       | 25          |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| c)    | Experience in Similar Capacity                                                                                                 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahuila section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

|      |                                                                                                                                       |     |               |               |    |     |
|------|---------------------------------------------------------------------------------------------------------------------------------------|-----|---------------|---------------|----|-----|
| (i)  | In Design/ Pavement Design of Highway Projects (2/4/6laning ofNH/SH/Expressways) in Similar Capacity (Minimum aggregate length 80 km) | 20  | Not Evaluated | Not Evaluated | 20 | 20  |
|      | <80km                                                                                                                                 | 0   |               |               |    |     |
|      | 80km-150km                                                                                                                            | 15  |               |               |    |     |
|      | >150km-250km                                                                                                                          | 17  |               |               |    |     |
|      | >250km                                                                                                                                | 20  |               |               |    |     |
| (ii) | In Design/Pavement Design ofHighwayProjects(2/4/6laningofNH/SH/ Expressways) in Similar Capacity – Number of Projects                 | 10  | Not Evaluated | Not Evaluated | 10 | 10  |
|      | 2 projects                                                                                                                            | 8   |               |               |    |     |
|      | 3- 5 projects                                                                                                                         | 9   |               |               |    |     |
|      | > 5 projects                                                                                                                          | 10  |               |               |    |     |
|      | Employment with Firm                                                                                                                  | 5   |               |               |    |     |
| III  | Less than 1 Year                                                                                                                      |     | Not Evaluated | Not Evaluated | 0  | 5   |
|      | 1 year                                                                                                                                | 3   |               |               |    |     |
|      | Add 0.5 marks for each subsequent year subject to maximum of 2 marks                                                                  |     |               |               |    |     |
|      | Total                                                                                                                                 | 100 |               |               | 89 | 100 |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

3. Bridge Structural Engineer

| S. No. | Description                                                                   |    | Max. Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Infotech |
|--------|-------------------------------------------------------------------------------|----|-------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| I      | General Qualification                                                         |    | 25          |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
| i)     | Degree in Civil Engineering or equivalent[AICTE Approved]                     |    | 20          |                                                                                                                   |                                                                                        | 20                                                                                      | 20                                                                  |
| ii)    | Post Graduation in Structural Engineering/ Bridge Engineering[AICTE Approved] |    | 5           |                                                                                                                   |                                                                                        | 5                                                                                       | 5                                                                   |
| II     | Relevant Experience & Adequacy for the Project                                |    | 70          |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
| a)     | Total Professional Experience                                                 |    | 15          |                                                                                                                   |                                                                                        | 15                                                                                      | 15                                                                  |
|        | <8 years                                                                      | 0  |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
|        | 8-10 years                                                                    | 11 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
|        | >10-15=12 years                                                               | 13 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
|        | >12 years                                                                     | 15 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
| b)     | Experience in Bridge Projects                                                 |    | 25          |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
| (i)    | Experience in project preparation and design of bridge projects               |    | 25          |                                                                                                                   |                                                                                        | 25                                                                                      | 25                                                                  |
|        | <5 years                                                                      | 0  |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
|        | 5-8 years                                                                     | 19 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |
|        | >8-10 years                                                                   | 22 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                     |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulua section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

| S. No. | Description                                                          |    | Max. Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|--------|----------------------------------------------------------------------|----|-------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
|        | >10 years                                                            | 25 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| c)     | Experience as Senior Bridge Engineer or Similar Capacity             |    | 30          | Not Evaluated                                                                                                     | Not Evaluated                                                                          | 30                                                                                      | 30                                                                      |
|        | <2 numbers                                                           | 0  |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | 2-4 numbers                                                          | 24 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | 5-6 numbers                                                          | 27 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | > 6 numbers                                                          | 30 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| III    | Employment with Firm                                                 |    | 5           |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | Less than 1 Year                                                     | 0  |             |                                                                                                                   |                                                                                        | 4.5                                                                                     | 0                                                                       |
|        | 1 year                                                               | 3  |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | Add 0.5 marks for each subsequent year subject to maximum of 2 marks |    |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | Total                                                                |    | 100         | Not Evaluated                                                                                                     | Not Evaluated                                                                          | 99.5                                                                                    | 95                                                                      |

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Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahulia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

4. MATERIAL ENGINEER cum GEOTECHNICAL ENGINEER cum GEOLOGIST

| S. No. | Description                                                                                                                                   | Max. Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracore Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| I      | General Qualification                                                                                                                         | 25          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
| i)     | Degree in Civil Engineering /M. Sc. in Geology[AICTE Approved]                                                                                | 20          |                                                                                                                    |                                                                                        | 20                                                                                      | 20                                                                      |
| ii)    | Post graduation in Foundation Engineering / Soil Mechanics / Geo Tech Engineering or Phd in Geology[AICTE Approved]                           | 5           |                                                                                                                    |                                                                                        | 0                                                                                       | 5                                                                       |
| II     | Relevant Experience & Adequacy for the Project                                                                                                | 70          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
| a)     | Total Professional Experience                                                                                                                 | 15          |                                                                                                                    |                                                                                        | 15                                                                                      | 15                                                                      |
|        | <10 years                                                                                                                                     | 0           |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
|        | 10-12 years                                                                                                                                   | 11          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
|        | >12-15 years                                                                                                                                  | 13          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
|        | >15 years                                                                                                                                     | 15          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
| b)     | Experience in Highway Projects- In Similar Projects (2/4/6 lane of NH/SH/Expressways) in design and or Construction/ Construction Supervision | 25          |                                                                                                                    |                                                                                        | 25                                                                                      | 25                                                                      |
|        | <7 years                                                                                                                                      | 0           |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
|        | 7-10 years                                                                                                                                    | 19          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |
|        | >10-12 years                                                                                                                                  | 22          |                                                                                                                    |                                                                                        |                                                                                         |                                                                         |

Not Evaluated

Not Evaluated

Consultancy Services for preparation of Detailed Project Report for rehabilitation/reconstruction of existing retained bridges in Ranchi-Rargaon-Mahuia section from Km. 114.000 to Km. 277.500 of NH-33 in the state of Jharkhand

| S. No. | Description                                                                                                                                                       |    | Max. Points | Geo Test House (A Division of Geo Designs and Research (P) Ltd.) in association with Sk Global Infracon Pvt. Ltd. | Technical Consultancy Services in association with Festal Consulting Engineers Pvt Ltd | Theme Engineering Services Pvt. Ltd. in association with Ishita Info Solutions Pvt Ltd. | URS Scott Wilson India Private Limited in association with Sri Infotech |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
|        | >12years                                                                                                                                                          | 25 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| c)     | Experiences as Materialcum Geo-technical Engineer or in Similar capacity on Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 80 km) |    | 30          |                                                                                                                   |                                                                                        | 30                                                                                      | 30                                                                      |
|        | <80km                                                                                                                                                             | 0  |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | 80km-150km                                                                                                                                                        | 24 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | >150km – 250km                                                                                                                                                    | 27 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | >250km                                                                                                                                                            | 30 |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
| III    | Employment with Firm                                                                                                                                              |    | 5           | Not Evaluated                                                                                                     | Not Evaluated                                                                          |                                                                                         |                                                                         |
|        | Less than 1 Year                                                                                                                                                  | 0  |             |                                                                                                                   |                                                                                        | 3.5                                                                                     | 5                                                                       |
|        | 1 year                                                                                                                                                            | 3  |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | Add 0.5 marks for each subsequent year subject to maximum of 2 marks                                                                                              |    |             |                                                                                                                   |                                                                                        |                                                                                         |                                                                         |
|        | <b>Total</b>                                                                                                                                                      |    | 100         |                                                                                                                   |                                                                                        | 93.5                                                                                    | 100                                                                     |




