



# भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

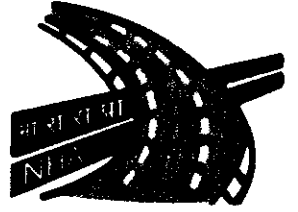
## National Highways Authority of India

(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/IC/NH-33/2021/G-51 Ranchi Bypass/1334

Dated: 14.12.2021

**To**

### All bidders

**Sub:** Consultancy Services for preparation of DPR and Feasibility report for construction of two nos. of Grade separated interchanges at km 113.730 (junction with Ranchi-Hazaribagh road) & km 139.225 (Junction with Ranchi-Jamshedpur road) on 4 laning stretch of Ranchi Bypass of NH-33 under NHDP Phase-III in the State of Jharkhand (2<sup>nd</sup> call) - **Results of Technical evaluation-reg**

The Technical Score of the firms based on technical evaluation is as under:

| S.no | Bidders                                                                                                | Technical Score | Responsiveness |
|------|--------------------------------------------------------------------------------------------------------|-----------------|----------------|
| (i)  | URS Scott Wilson India Private Limited in Association with M/s G Eng Advisory Services Private Limited | 92.30           | Responsive     |
| (ii) | M/s Global Infra Solutions in Association with M/s M.S. consultant                                     | 86.04           | Responsive     |

2. The detailed evaluation sheet for the bidders is enclosed herewith. Bidders are given opportunity to respond by 20.12.2021 upto 1700 Hrs, in case any objection and to submit the requisite details/documents within this period.

**Regional office, Ranchi**  
National Highways Authority of India  
Ashok Nagar, Ranchi  
Tel: 91-0651-2244029/30  
E-mail: roranchi@nhai.org

**Result of Technical Evaluation**

| S.No. | Description                                                                          | Points | M/s URS Scott Wilson India Private Limited in Association with M/s G Eng Advisory Services Private Limited | M/s Global Infra Solutions in Association with M/s M.S. consultant |
|-------|--------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1     | Firm's relevant experience in last 7 years                                           | 40     | 34                                                                                                         | 30                                                                 |
| 2     | Material testing, survey & investigation, equipment and software proposed to be used | 20     | 20                                                                                                         | 20                                                                 |
| 3     | Qualification and Relevant experience of the proposed key personnel                  | 40     | 38.30                                                                                                      | 36.04                                                              |
|       | Total                                                                                | 100    | 92.30                                                                                                      | 86.04                                                              |

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

| S.No. | Description                                                                                                                                                                                                                                | Maximum Points | Sub-Points | URS India Limited in association with Eng Services Limited | Scott Wilson Private in association with G Advisory Private | Global Infra Solutions in Association with M.S. consultant |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------|
| 1     | Specific experience of the DPR consultancy related to the assignment for eligibility                                                                                                                                                       | 15             |            |                                                            |                                                             |                                                            |
| 1.1   | Aggregate Length of DPR / Feasibility study of 2/4/ 6 lane projects                                                                                                                                                                        | 8              |            | 8                                                          |                                                             | 8                                                          |
| 1.1.1 | More than the indicative Length of the package applied for                                                                                                                                                                                 |                | 6          |                                                            |                                                             |                                                            |
| 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              |            | 7                                                          |                                                             | 7                                                          |
| 1.2.1 | 1 project                                                                                                                                                                                                                                  |                | 5          |                                                            |                                                             |                                                            |
| 1.2.2 | 2 projects                                                                                                                                                                                                                                 |                | 6          |                                                            |                                                             |                                                            |
| 1.2.3 | ≥ 3 projects                                                                                                                                                                                                                               |                | 7          |                                                            |                                                             |                                                            |
| 2     | DPR of Bridge having length more than 200 m                                                                                                                                                                                                | 5              |            | 5                                                          |                                                             | 3                                                          |
| 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                                                          |                                                             | 4                                                          |
| 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/ Interchages)                                                                                                                                                                           |                |            | 0                                                          |                                                             |                                                            |
| 4.1   | DPR of number of Special bridges/ Grade                                                                                                                                                                                                    | 5              |            |                                                            |                                                             | 0                                                          |

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| S.No. | Description                                                                                                                                       | Maximum Points | Sub-Points | URS India Limited<br>Scott Wilson Private in association with G Eng Advisory Services Private Limited | Global Infra Solutions in Association with M.S. consultant |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
|       | separated interchange at Crossing of two National Highways or two State Highways or NH-SH crossing with both crossing road having 4 lane or above |                |            |                                                                                                       |                                                            |
| 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          |                                                                                                       |                                                            |
| 5     | Highway Professionals * working with the firm                                                                                                     | 10             |            | 9                                                                                                     | 8                                                          |
| 5.1   | <10 nos.                                                                                                                                          |                | 0          |                                                                                                       |                                                            |
| 5.2   | 10-20 nos.                                                                                                                                        |                | 8          |                                                                                                       |                                                            |
| 5.3   | >20-30 nos.                                                                                                                                       |                | 9          |                                                                                                       |                                                            |
| 5.4   | >30 nos.                                                                                                                                          |                | 10         |                                                                                                       |                                                            |
| Total |                                                                                                                                                   |                |            | 34                                                                                                    | 30                                                         |

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

| S. No. | Description                                                                                                                         | Maximum Points | Sub-Points | URS Scott Wilson India Private Limited in association with G Eng Advisory Services Private Limited | Global Solutions in Association with M.S. consultant |
|--------|-------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------|
| 1      | Availability of Material Testing Facilities with persons/resources having operational skills of the equipment                       | 3              |            | 3                                                                                                  | 3                                                    |
| 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                                                                                                  | 2                                                    |
| 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              |            | 3                                                                                                  | 3                                                    |
| 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                                                    |
| 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              |            | 4                                                                                                  | 4                                                    |
| 5.1    | 1 project                                                                                                                           |                | 1          |                                                                                                    |                                                      |
| 5.2    | 2 projects                                                                                                                          |                | 2          |                                                                                                    |                                                      |
| 5.3    | 3 projects                                                                                                                          |                | 3          |                                                                                                    |                                                      |
| 5.4    | ≥ 4 projects                                                                                                                        |                | 4          |                                                                                                    |                                                      |
| 6      | Experience in digitization of cadastral maps for land surveys                                                                       | 3              |            | 3                                                                                                  | 3                                                    |
| 6.1    | Area upto 100 ha                                                                                                                    |                | 1          |                                                                                                    |                                                      |
| 6.2    | Area between 100-500 ha                                                                                                             |                | 2          |                                                                                                    |                                                      |
| 6.3    | Area > 500 ha                                                                                                                       |                | 3          |                                                                                                    |                                                      |
|        | Sub-total                                                                                                                           | 20             |            | 20                                                                                                 | 20                                                   |

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| Position                                      | URS Scott Wilson India Private Limited in association with G Eng Advisory Services Private Limited |           | Global Infra Solutions in Association with M.S. consultant |           |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------|-----------|
|                                               | Marks                                                                                              | Weightage | Marks                                                      | Weightage |
| Team Leader cum Sr. Bridge Engineer           | 95                                                                                                 | 11.4      | 87                                                         | 10.44     |
| Highway cum Pavement Engineer                 | 95                                                                                                 | 9.5       | 92                                                         | 9.2       |
| Bridge/Structural Engineer                    | 98                                                                                                 | 9.8       | 92                                                         | 9.2       |
| Material-cum-Geo-technical Engineer-Geologist | 95                                                                                                 | 7.6       | 90                                                         | 7.2       |
|                                               |                                                                                                    | 38.3      |                                                            | 36.04     |

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# 1. TEAM LEADER cum SENIOR BRIDGE ENGINEER

| S. No. | Description                                                                                                                                                                                                                                                       | Max. Points | URS Scott Wilson<br>India Private<br>Limited in<br>association with G<br>Eng Advisory<br>Services Private<br>Limited | Global Infra Solutions in<br>Association with M.S.<br>consultant |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| I      | <b>General Qualification</b>                                                                                                                                                                                                                                      | 25          |                                                                                                                      |                                                                  |
| i)     | Degree in Civil Engineering or equivalent [AICTE Approved]                                                                                                                                                                                                        | 20          | 20                                                                                                                   | 20                                                               |
| ii)    | Post Graduation in Structural Engineering, Degree/Diploma/Certificate in Construction Management                                                                                                                                                                  | 5           | 5                                                                                                                    | 0                                                                |
| II     | <b>Relevant Experience &amp; Adequacy for the Project</b>                                                                                                                                                                                                         | 70          |                                                                                                                      |                                                                  |
| a)     | <b>Total Professional Experience</b>                                                                                                                                                                                                                              | 15          | 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 Bridge Construction / Development Project</b>                                                                                                                                                               | 25          | 25                                                                                                                   | 25                                                               |
|        | < 5 years                                                                                                                                                                                                                                                         | 0           |                                                                                                                      |                                                                  |
|        | 6-8 years                                                                                                                                                                                                                                                         | 19          |                                                                                                                      |                                                                  |
|        | >8-10 years                                                                                                                                                                                                                                                       | 22          |                                                                                                                      |                                                                  |
|        | >10 years                                                                                                                                                                                                                                                         | 25          |                                                                                                                      |                                                                  |
| c)     | <b>Experience in Similar Capacity</b>                                                                                                                                                                                                                             | 30          |                                                                                                                      |                                                                  |
| (i)    | <b>As Team Leader/Project Manager or similar capacity of at least Two projects in Construction DPR/ Supervision / IC involving 4 laning/6-laning/Expressway of minimum 50 km length and atleast two major bridge of a length 500 mtr. (Excluding approaches).</b> | 20          | 20                                                                                                                   | 17                                                               |
|        | < 100km                                                                                                                                                                                                                                                           | 0           |                                                                                                                      |                                                                  |
|        | 100 km-150km                                                                                                                                                                                                                                                      | 15          |                                                                                                                      |                                                                  |
|        | >150km-250km                                                                                                                                                                                                                                                      | 17          |                                                                                                                      |                                                                  |
|        | > 250km                                                                                                                                                                                                                                                           | 20          |                                                                                                                      |                                                                  |
| (ii)   | <b>In Feasibility of 2/4/6laning works or DPR/IC/Construction Supervision of major highway projects i.e. 2/4/6 laning of NH/SH/Expressways in Similar Capacity- Number of Projects</b>                                                                            | 10          | 10                                                                                                                   | 10                                                               |
|        | < 2 projects                                                                                                                                                                                                                                                      | 0           |                                                                                                                      |                                                                  |
|        | 2 projects                                                                                                                                                                                                                                                        | 8           |                                                                                                                      |                                                                  |
|        | 3- 5 projects                                                                                                                                                                                                                                                     | 9           |                                                                                                                      |                                                                  |
|        | > 5 projects                                                                                                                                                                                                                                                      | 10          |                                                                                                                      |                                                                  |
| III    | <b>Employment with Firm</b>                                                                                                                                                                                                                                       | 5           | 0                                                                                                                    | 0                                                                |
|        | > 1 Year                                                                                                                                                                                                                                                          | 0           |                                                                                                                      |                                                                  |
|        | 1 year                                                                                                                                                                                                                                                            | 3           |                                                                                                                      |                                                                  |
|        | Add 0.5 marks for each subsequent year subject to maximum of 2 marks                                                                                                                                                                                              |             |                                                                                                                      |                                                                  |
|        | <b>Total</b>                                                                                                                                                                                                                                                      | 100         | 95                                                                                                                   | 87                                                               |

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## 2. HIGHWAY cum PAVEMENT ENGINEER

| S.No. | Description                                                                                                                                          |    | Max. Points | URS Scott Wilson<br>India Private<br>Limited in<br>association with G<br>Eng Advisory<br>Services Private<br>Limited | Global Infra<br>Solutions in<br>Association with<br>M.S. consultant |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| I     | <b>General Qualification</b>                                                                                                                         |    | <b>25</b>   |                                                                                                                      |                                                                     |
| i)    | Degree in Civil Engineering or equivalent [AICTE Approved]                                                                                           |    | 20          | 20                                                                                                                   | 20                                                                  |
| ii)   | Post graduation in Highway Engg/<br>Transportation Engineering[AICTE Approved]                                                                       |    | 5           | 5                                                                                                                    |                                                                     |
| II    | <b>Relevant Experience &amp; Adequacy for the Project</b>                                                                                            |    | <b>70</b>   |                                                                                                                      |                                                                     |
| a)    | <b>Total Professional Experience</b>                                                                                                                 |    | <b>15</b>   | <b>15</b>                                                                                                            | <b>15</b>                                                           |
|       | <8years                                                                                                                                              | 0  |             |                                                                                                                      |                                                                     |
|       | 8-12 years                                                                                                                                           | 11 |             |                                                                                                                      |                                                                     |
|       | >12-15 years                                                                                                                                         | 13 |             |                                                                                                                      |                                                                     |
|       | >15 years                                                                                                                                            | 15 |             |                                                                                                                      |                                                                     |
| (b)   | <b>Experience in Highway Projects - Experience in Design/<br/>Pavement Design of Highway Projects (2/4/6 laning of<br/>NH/SH/Expressways)</b>        |    | <b>25</b>   | <b>25</b>                                                                                                            | <b>22</b>                                                           |
|       | <6 years                                                                                                                                             | 0  |             |                                                                                                                      |                                                                     |
|       | 6-10years                                                                                                                                            | 19 |             |                                                                                                                      |                                                                     |
|       | >10-15 years                                                                                                                                         | 22 |             |                                                                                                                      |                                                                     |
|       | >15years                                                                                                                                             | 25 |             |                                                                                                                      |                                                                     |
| c)    | <b>Experience in Similar Capacity</b>                                                                                                                |    | <b>30</b>   |                                                                                                                      |                                                                     |
| (i)   | <b>In Design/ Pavement Design of Highway Projects<br/>(2/4/6laning ofNH/SH/Expressways) in Similar Capacity<br/>(Minimum aggregate length 80 km)</b> |    | <b>20</b>   | <b>20</b>                                                                                                            | <b>20</b>                                                           |
|       | <80km                                                                                                                                                | 0  |             |                                                                                                                      |                                                                     |
|       | 80km-150km                                                                                                                                           | 15 |             |                                                                                                                      |                                                                     |
|       | >150km-250km                                                                                                                                         | 17 |             |                                                                                                                      |                                                                     |
|       | >250km                                                                                                                                               | 20 |             |                                                                                                                      |                                                                     |
| (ii)  | <b>InDesign/Pavement Design<br/>ofHighwayProjects(2/4/6laningofNH/SH/ Expressways) in<br/>Similar Capacity - Number of Projects</b>                  |    | <b>10</b>   | <b>10</b>                                                                                                            | <b>10</b>                                                           |
|       | 2 projects                                                                                                                                           | 8  |             |                                                                                                                      |                                                                     |
|       | 3- 5 projects                                                                                                                                        | 9  |             |                                                                                                                      |                                                                     |
|       | > 5 projects                                                                                                                                         | 10 |             |                                                                                                                      |                                                                     |
| III   | <b>Employment with Firm</b>                                                                                                                          |    | <b>5</b>    | <b>0</b>                                                                                                             | <b>5</b>                                                            |
|       | Less than 1 Year                                                                                                                                     | 0  |             |                                                                                                                      |                                                                     |
|       | 1 year                                                                                                                                               | 3  |             |                                                                                                                      |                                                                     |
|       | Add 0.5 marks for each subsequent year subject to<br>maximum of 2 marks                                                                              |    |             |                                                                                                                      |                                                                     |
|       | <b>Total</b>                                                                                                                                         |    | <b>100</b>  | <b>95</b>                                                                                                            | <b>92</b>                                                           |

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### 3. Bridge Structural Engineer

| S. No. | Description                                                                   |    | Max. Points | URS Scott Wilson India Private Limited in association with G Eng Advisory Services Private Limited | Global Infra Solutions in Association with M.S. consultant |
|--------|-------------------------------------------------------------------------------|----|-------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| I      | <b>General Qualification</b>                                                  |    | 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     | <b>Relevant Experience &amp; Adequacy for the Project</b>                     |    | 70          |                                                                                                    |                                                            |
| a)     | <b>Total Professional Experience</b>                                          |    | 15          | 15                                                                                                 | 15                                                         |
|        | <8 years                                                                      | 0  |             |                                                                                                    |                                                            |
|        | 8-10 years                                                                    | 11 |             |                                                                                                    |                                                            |
|        | >10-15=12 years                                                               | 13 |             |                                                                                                    |                                                            |
|        | >12 years                                                                     | 15 |             |                                                                                                    |                                                            |
| b)     | <b>Experience in Bridge Projects</b>                                          |    | 25          |                                                                                                    |                                                            |
| (i)    | <b>Experience in project preparation and design of bridge projects</b>        |    | 25          | 25                                                                                                 | 22                                                         |
|        | <5 years                                                                      | 0  |             |                                                                                                    |                                                            |
|        | 5-8 years                                                                     | 19 |             |                                                                                                    |                                                            |
|        | >8-10 years                                                                   | 22 |             |                                                                                                    |                                                            |
|        | >10 years                                                                     | 25 |             |                                                                                                    |                                                            |
| c)     | <b>Experience as Senior Bridge Engineer or Similar Capacity</b>               |    | 30          | 30                                                                                                 | 30                                                         |
|        | <2 numbers                                                                    | 0  |             |                                                                                                    |                                                            |
|        | 2-4 numbers                                                                   | 24 |             |                                                                                                    |                                                            |
|        | 5-6 numbers                                                                   | 27 |             |                                                                                                    |                                                            |
|        | > 6 numbers                                                                   | 30 |             |                                                                                                    |                                                            |
| III    | <b>Employment with Firm</b>                                                   |    | 5           | 3                                                                                                  | 0                                                          |
|        | Less than 1 Year                                                              | 0  |             |                                                                                                    |                                                            |
|        | 1 year                                                                        | 3  |             |                                                                                                    |                                                            |
|        | Add 0.5 marks for each subsequent year subject to maximum of 2 marks          |    |             |                                                                                                    |                                                            |
|        | <b>Total</b>                                                                  |    | 100         | 98                                                                                                 | 92                                                         |

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#### 4. MATERIAL ENGINEER cum GEOTECHNICAL ENGINEER cum GEOLOGIST

| S. No. | Description                                                                                                                                                              |    | Max. Points | URS Scott Wilson India Private Limited in association with G Eng Advisory Services Private Limited | Global Infra Solutions in Association with M.S. consultant |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| I      | <b>General Qualification</b>                                                                                                                                             |    | <b>25</b>   |                                                                                                    |                                                            |
| 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           |                                                                                                    |                                                            |
| II     | <b>Relevant Experience &amp; Adequacy for the Project</b>                                                                                                                |    | <b>70</b>   |                                                                                                    |                                                            |
| a)     | <b>Total Professional Experience</b>                                                                                                                                     |    | <b>15</b>   | <b>15</b>                                                                                          | <b>15</b>                                                  |
|        | <10 years                                                                                                                                                                | 0  |             |                                                                                                    |                                                            |
|        | 10-12 years                                                                                                                                                              | 11 |             |                                                                                                    |                                                            |
|        | >12-15 years                                                                                                                                                             | 13 |             |                                                                                                    |                                                            |
|        | >15 years                                                                                                                                                                | 15 |             |                                                                                                    |                                                            |
| b)     | <b>Experience in Highway Projects- In Similar Projects (2/4/6 laning of NH/SH/Expressways) in design and or Construction/ Construction Supervision</b>                   |    | <b>25</b>   | <b>25</b>                                                                                          | <b>25</b>                                                  |
|        | <7 years                                                                                                                                                                 | 0  |             |                                                                                                    |                                                            |
|        | 7-10 years                                                                                                                                                               | 19 |             |                                                                                                    |                                                            |
|        | >10 -12 years                                                                                                                                                            | 22 |             |                                                                                                    |                                                            |
|        | >12 years                                                                                                                                                                | 25 |             |                                                                                                    |                                                            |
| c)     | <b>Experience as Material cum Geo-technical Engineer or in Similar capacity on Highway Projects (2/4/6 laning of NH/SH/Expressways) (Minimum aggregate length 80 km)</b> |    | <b>30</b>   | <b>30</b>                                                                                          | <b>30</b>                                                  |
|        | <80km                                                                                                                                                                    | 0  |             |                                                                                                    |                                                            |
|        | 80km-150km                                                                                                                                                               | 24 |             |                                                                                                    |                                                            |
|        | >150km – 250km                                                                                                                                                           | 27 |             |                                                                                                    |                                                            |
|        | >250km                                                                                                                                                                   | 30 |             |                                                                                                    |                                                            |
| III    | <b>Employment with Firm</b>                                                                                                                                              |    | <b>5</b>    | <b>5</b>                                                                                           | <b>0</b>                                                   |
|        | Less than 1 Year                                                                                                                                                         | 0  |             |                                                                                                    |                                                            |
|        | 1 year                                                                                                                                                                   | 3  |             |                                                                                                    |                                                            |
|        | Add 0.5 marks for each subsequent year subject to maximum of 2 marks                                                                                                     |    |             |                                                                                                    |                                                            |
|        | <b>Total</b>                                                                                                                                                             |    | <b>100</b>  | <b>95</b>                                                                                          | <b>90</b>                                                  |

*Dear*

*Umesh Kumar*

*Sanjay*

*Dr*