



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**National Highways Authority of India**  
(Ministry of Road Transport and Highways)  
जी-5 एवं 6, सेक्टर-10, द्वारका, नई दिल्ली-110075  
G-5 & 6, Sector-10, Dwarka, New Delhi-110075

दूरभाष / Phone : 91-11-25074100/25074200  
फैक्स / Fax : 91-11-25093507 / 25093514

NHAI/BM/Delhi-Vadodara/NH-148N/AE/Pkg10

Dated: 08.02.2021

To

All Bidders (As per list enclosed)

**Subject:** Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Umedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 - 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10] - Evaluation of Technical Proposal - Regd.

**Ref:** (i) Bids submitted on 30.07.2020 for the above mentioned work.

Kindly refer NHAI letter no. NHAI/BM/Delhi-Vadodara/NH-148N/AE/Pkg10 dated 18.01.2021 vide which result of technical evaluation was uploaded on NIC portal and bidders were given opportunity to respond by 25.01.2021, in case of any observation.

2. The representation have been received from below-mentioned four bidders:

| Bid No. | Name of the Bidder                                                                                                                              |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/5     | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd.                                                 |
| 2/5     | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd.                                                           |
| 3/5     | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited     |
| 5/5     | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |

3. The representations as received have been examined by the constituted Evaluation Committee and replies to the representation as approved by Competent Authority is enclosed at Annexure-A.

4. The result of technical evaluation after considering the representations of the bidder is as under -

| S. No. | Name of the Applicant                                                                           | Relevant experience for the assignment | Experience in use of technology for road inspection | Qualifications and competence of the key staff for the assignment | Total | Remarks |
|--------|-------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------|-------|---------|
|        | <b>Responsive firms</b>                                                                         |                                        |                                                     |                                                                   |       |         |
| 1      | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. | 36.50                                  | 14.00                                               | 36.59                                                             | 87.09 | -       |
| 2      | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd.           | 36.50                                  | 19.00                                               | 37.45                                                             | 92.95 | -       |

*Polin*  
8/2/21

| S. No.                      | Name of the Applicant                                                                                                                           | Relevant experience for the assignment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Experience in use of technology for road inspection | Qualifications and competence of the key staff for the assignment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Total | Remarks |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 3                           | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited     | 39.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20.00                                               | 36.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 95.73 | -       |
| <b>Non-Responsive firms</b> |                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |
| 4                           | M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited                                                | <p>From the bid submitted by M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited, it has been observed that, M/s Geodata Engineering SPA, lead member of the bidder, is having more than 50% shareholding of partners having citizenship of China. As per the guidelines under Rule 144 (xi) of the General Financial Rules (GFRs) dated 27.07.2020, issued by Ministry of Finance, "Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority".</p> <p>As per the MoRTH letter no. H-39011/10/2020-P&amp;P (C.No. - 186050) dated 19.11.2020, it is to be observed that M/s Geodata Engineering SPA, is not registered with Competent Authority as on Bid due date of the subject project. Therefore, as on bid due date, M/s Geodata Engineering SPA, is not eligible to participate in the bidding process of the subject consultancy work, and accordingly the bid of M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited, has been declared technically non-responsive.</p> |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |       |         |
| 5                           | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. | 35.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10                                                  | <p>Sh. Rajeev Kumar, Team Leader cum Sr Tunnel Expert of the bidder, M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO &amp; KIM Engineering Pvt. Ltd. has scored less than minimum 75% marks required as per clause 3.4 (x)(e) of RFP. In view of above, bid of M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO &amp; KIM Engineering Pvt. Ltd., has not been evaluated further and declared technically non-responsive in terms with clause 3.4 (x)(e) of RFP.</p> |       |         |

Copy of the final technical evaluation sheet as approved by the Competent Authority is enclosed at Annexure-B.

5. The financial bids of the technically responsive bidders mentioned in Para (4) above will be opened on 09.02.2021 (11:00 hrs IST) in IT training room, Ground Floor at NHAI (HQ). Accordingly, the bidders shall depute their representatives with authorization letter for attending the opening of financial bids.

*Rohin*  
8/2/21

(Rohin Kumar Gupta)  
General Manager (Tech) Bharatmala

Encl. As above.

**Annexure-A**

**(Replies to representation of bidder)**

**Reply to representations of the Bidders on the Technical Evaluation of the Bids for the Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

**1. M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd.**

| <b>S. No.</b> | <b>Representation</b>                                       |                                                                                                                                                     | <b>Reply of NHAI</b>                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>      | <b>Team Leader cum Sr. Tunnel Expert – Sh. Vijay Gupta</b>  | <b>Criteria no. 2 (b) (ii) –</b><br>Bidder has referred Infracon Project No. 10,12,15 and requested to award 10 marks instead of 8 marks assigned.  | As per the undertaking uploaded for Infracon Project no. 10 & 12, there is no input of CV in design stage and complete 1 year input is on Construction stage. Therefore, the Infracon Project No. 15 is the only eligible experience in the criteria.<br>In view of above, representation has not been considered and there is no change in marks assigned for the criteria.                  |
|               |                                                             | <b>Criteria no. 2 (c) –</b><br>Bidder has referred Infracon Project No. 3,10,12,15 and requested to award 5 marks instead of 4 marks assigned.      | The Infracon Project No. 3 is the only eligible experience in the criteria.<br>In view of above, representation has not been considered and there is no change in marks assigned for the criteria.                                                                                                                                                                                            |
| <b>2</b>      | <b>Tunnel Safety Expert – Sh. Mohan M G</b>                 | <b>Criteria no. 2 (b) (i) –</b><br>Bidder has referred Infracon Project No. 5,6,10,11 and requested to award 12 marks instead of 11 marks assigned. | In view of facts submitted by the bidder, representation has been considered and marks assigned for the criteria have been revised to 12 marks in place of 11 marks assigned earlier.                                                                                                                                                                                                         |
|               |                                                             | <b>Criteria no. 2 (c) –</b><br>Bidder has referred Infracon Project No. 5,6,10,11 and requested to award 5 marks instead of 4 marks assigned.       | In view of facts submitted by the bidder, representation has been considered and marks assigned for the criteria have been revised to 5 marks in place of 4 marks assigned earlier.                                                                                                                                                                                                           |
| <b>3</b>      | <b>Experience in use of technology for road inspection.</b> | -                                                                                                                                                   | The marks assigned for the ownership of Road Inspection technologies of the bidder M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd., have been re-examined by the Evaluation Committee and it has been observed that the bidder has inadvertently been assigned full marks for ownership of equipment in possession of the Associated Partner. |

**Reply to representations of the Bidders on the Technical Evaluation of the Bids for the Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

|  |  |  |                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | <p>M/s AECOM Asia Company Ltd. have not submitted ownership against all required technology and equipment only associate partner M/s Chaitanya Projects Consultancy Pvt. Ltd. possess ownership of the same.</p> <p>In view of above marks assigned for the Experience in use of technology for road inspection have been revised to 14 marks in place of 19 marks assigned earlier.</p> |
|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**2. M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd.**

| <b>S. No.</b> | <b>Representation</b>                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Reply of NHAI</b>                                                                                                                                                                     |
|---------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>      | <p><b>Experience of using Mobile Bridge Inspection Unit (MBIU) Equipment</b></p> | <p><b>Criteria no. 3.2 -</b><br/>As per the technical evaluation result provided by the Authority, under the criteria of sl. no. 3.2 i.e., "Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection", 2 marks has been awarded against total 3 marks. In this regard, we would like to submit the following projects which involved survey and equipment used of Mobile Bridge Inspection Unit.<br/>(Project at Page No. 530, 532, 534, 537, 589, 591-592, 603)</p> <p>Base on the above submission, we have total 7 projects under "Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection", hence accordingly request to assign total 3 marks instead of 2 marks</p> | <p>In view of facts submitted by the bidder, representation has been considered and the marks assigned for the criteria have been revised to 3 in place of 2 marks assigned earlier.</p> |

**Reply to representations of the Bidders on the Technical Evaluation of the Bids for the Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummadpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

|   |                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                             |
|---|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | <b>Team Leader Cum Senior Tunnel Expert: Yousef Eshaghpour Rahimabadi</b> | <p><b>Criteria 2 (a) (iii) -</b><br/> As per the technical evaluation result against criteria sl. no. 2 (a) (iii) it is stated that “Experience in major tunnel construction/ construction supervision projects (Road/ Rail/ Metro): &lt;10 projects – 0 marks; 10 projects – 7 marks; Add 1.5 marks extra for each additional projects of experience subject to maximum 3 marks”. We understand that as per RFP document, this criteria is mentioned as “Experience in major tunnel construction/ construction supervision projects (Road/ Rail/ Metro): &lt;10 years – 0 marks; 10 years – 7 marks; Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks”. Our proposed Team Leader Cum Senior Tunnel Expert, Mr. Yousef Eshaghpour Rahimabadi has experience of 14 years against the same criteria and hence accordingly request to assign him 10 marks under this head i.e., “Experience in major tunnel construction/ construction supervision projects (Road/ Rail/ Metro): &lt;10 years – 0 marks; 10 years – 7 marks; Add 1.5 marks extra for each additional year of experience subject to maximum 3 marks”.</p> | In view of facts submitted by the bidder, representation has been considered and the marks assigned for the criteria have been revised to 10 in place of 8.5 marks assigned earlier.                                                                                                                                                        |
| 3 | <b>Tunnel Safety Expert: Janardhanam Varatharajan</b>                     | <p><b>Criteria 2 (a) (iii) -</b><br/> As per technical evaluation result under the head of criteria sl. no. 2 (a) (iii) i.e., “International exposure in tunnel safety works”, Authority has awarded him 8 marks out of total 10 marks. As per submitted CV of our proposed Tunnel Safety Expert, Mr. Janardhanam Varatharajan, his following projects are eligible under this criteria.<br/> (Infracon project Sr. No. 2,3,4,5)<br/> On this account, he has total more than 11 years hence accordingly request to assign him 10 marks under this head.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | In view of facts submitted by the bidder, representation has been considered and the marks assigned for the criteria have been revised to 10 in place of 8 marks assigned earlier.                                                                                                                                                          |
| 4 | <b>Senior Contract Specialist: Atanu Das</b>                              | <p><b>Criteria 2 (a) (iv) -</b><br/> As per technical evaluation result under the head of criteria sl. no. 2 (iv) i.e., “<i>Experience of Handling Arbitration cases in respect of any</i>”, Authority has awarded him 4 marks out of total 5 marks. As per submitted CV of our proposed Senior Contract Specialist, Mr. Atanu Das, he has done arbitration cases on the projects Infracon sl. no. 2 to 19 except project sl. no. 16. Hence request to assign him 5 marks under this head.<br/> Further, we wish to inform you that as per RFP document, Sr. Contract Specialist carries total 3 marks weightage, but marks awarded for this position is against total 4 marks in the technical evaluation result. You are requested to rectify this inconsistency in the final evaluation for all bidders.</p>                                                                                                                                                                                                                                                                                                                                            | <p>The marks assigned for the criteria have been re-assessed and it has been observed that there is only one project (Infracon project no. 2) which substantiate the experience in handling arbitration cases.<br/> In view of above, representation has not been considered and there is no change in marks assigned for the criteria.</p> |

**Reply to representations of the Bidders on the Technical Evaluation of the Bids for the Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummadpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

**3. M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited**

| <b>S. No.</b> | <b>Representation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Reply of NHAI</b>                                                                                                                                                                                                                                                                                                                                              |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>      | <p>Experience as Independent Engineer/ Authority Engineer /Construction Supervision in number of Tunnel (road/railway/metro rail projects etc.) Projects of length equal to 1.50 km or more (single tube) in last 10 Years.</p> <p>1 project - 8 marks</p> <p>Add 1 (one) mark extra for completed assignment of Independent Engineer/authority engineer and add 0.5 (zero point five) mark extra for completed assignment of supervision consultancy subject to maximum 2 (two) marks.</p> | <p>We would like to bring into your kind notice that we have submitted 3 eligible projects to the client in the technical proposal. However, only 9 marks have been allotted to us instead of 9.5 marks. We are representing hereunder the marks that should be awarded against the submitted projects;</p> <p>For allotting <b>8 marks</b> as per (a), our <b>Rohtang Tunnel Supervision project</b> submitted on page no. 3-170 should be considered. Project certificate is enclosed as <b>Annexure-A</b> with this letter for your ready reference.</p> <p>For allotting <b>1 mark</b> as per (b), our <b>Independent Engineer of Vadakkancherry – Thrissur section</b> project submitted on <b>Page No. 3-195</b> should be considered. Project certificate is enclosed as <b>Annexure-B</b> with this letter for your ready reference.</p> <p>For allotting <b>0.5 mark</b> as per (b), our <b>Supervision for Save-Hamedan project</b> submitted on <b>Page 3-257</b> should be considered. Project certificate is enclosed as <b>Annexure-C</b> with this letter for your ready reference.</p> <p>Thus, it is requested that <b>9.5 marks</b> should be allotted against the above stated criteria.</p> | <p>The marks assigned for the criteria have been re-assessed and it has been observed that there is one no. of eligible IE project and two no. of eligible construction supervision project, therefore 9 marks have been assigned.</p> <p>In view of above, representation has not been considered and there is no change in marks assigned for the criteria.</p> |
| <b>2</b>      | <b>Senior Geologist: Raj Kumar Saxena</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p><b>Criteria 2 (a) (i) -</b></p> <p>As per the company details on Infracon, the expert's working experience begin since 10/04/1991 – Till date, which is more than 28 years of professional experience. Therefore full marks should be allocated under this category.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>The marks assigned for the criteria have been re-assessed and it has been observed that the CV has the total professional experience of 23 years (01/03/1997 to 24/09/2020), therefore 18 marks have been assigned.</p> <p>In view of above, representation has not been considered and there is no change in marks assigned for the criteria.</p>             |
| <b>3</b>      | <b>Tunnel Ventilation cum E&amp;M Expert: Divakar Jha</b>                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p><b>Criteria 2 (a) (i) -</b></p> <p>As per the company details on Infracon, the expert's working experience begin since 15/01/1984 – Till date, which is more than 36 years</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <p>The marks assigned for the criteria have been re-assessed and it has been observed that the CV has the total professional experience of 21</p>                                                                                                                                                                                                                 |

**Reply to representations of the Bidders on the Technical Evaluation of the Bids for the Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

|  |  |                                                                                        |                                                                                                                                                                                                 |
|--|--|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | professional experience. Therefore full marks should be allocated under this category. | years (02/01/1998 to 31/01/2019), therefore 12 marks have been assigned.<br>In view of above, representation has not been considered and there is no change in marks assigned for the criteria. |
|--|--|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**4. M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd.**

| <b>S. No.</b> | <b>Representation</b>                       |                                                                                                                                    | <b>Reply of NHA</b>                                                                                                                                                                                                                                                                           |
|---------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1</b>      | <b>Team Leader cum Senior Tunnel Expert</b> | <b>Criteria 2 (b) (i) –</b><br>Bidder has referred Infracon Project No. 10, 11, 12, 13 for this criteria and claimed 10.           | As per the undertaking submitted by Sh. Rajeev Kumar on the Infracon Portal, he has worked on the Infracon project no. 10, 11, 12, 13 as Senior Tunnel Expert, which is not in similar capacity to the requirement of RFP for the CV.                                                         |
|               |                                             | <b>Criteria 2 (b) (ii) –</b><br>Bidder has referred Infracon Project No. 10 for this criteria and claimed 8 marks.                 | Further, as per the representation submitted by the bidder, employer certificate has been enclosed in support for his experience. As per employer certificate, Sh. Rajeev Kumar, has worked on Infracon Project no. 13 as Tunnel Manager and on Infracon Project no. 11 as Resident Engineer. |
|               |                                             | <b>Criteria 2 (b) (iii) –</b><br>Bidder has referred Infracon Project No. 10, 11, 12, 13 for this criteria and claimed 17.5 marks. | The information in regards to the designation of CV on the above projects, in the undertaking and in employer certificate is contradictory. Therefore the representation has not been considered and there is no change in marks assigned for these criteria.                                 |
|               |                                             | <b>Criteria 2 (c) –</b><br>Bidder has referred Infracon Project No. 7 for this criteria and claimed 4 marks.                       | The marks assigned for the criteria have been re-assessed and observed Infracon project no. 6 & 10 as eligible experiences under the criteria. Therefore, the representation has been considered and 5 marks have been assigned in place of 0 marks assigned for the criteria.                |

**Reply to representations of the Bidders on the Technical Evaluation of the Bids for the Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

|   |                                                             |                                                                                                                                   |                       |                      |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |
|---|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | <b>Experience in use of technology for road inspection.</b> | Bidder has claimed 15 marks against the 10 marks assigned for the experience in use of technology for road inspection, as under – |                       |                      |                                                                                                                                                                                                                                                              | As per Note (B), Clause 10 (ii) of Data Sheet of RFP, the experience of a firm/associate firm for a private concessionaire/contractor shall not be considered.<br>In view of above, marks assigned for the experience in use of technology has been re-examined and observed no change in marks. |
|   |                                                             | <b>Criteria No.</b>                                                                                                               | <b>Marks assigned</b> | <b>Marks claimed</b> | <b>Referred projects</b>                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 1.1                                                                                                                               | 2                     | 2                    |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 1.2                                                                                                                               | 1                     | 3                    | Project 1 (Page no. 777-778)<br>Project 2 (Page no. 779-780)<br>Project 3 (Page no. 785-787)<br>Project 4 (Page no. 793-794)                                                                                                                                 |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 2.1                                                                                                                               | 1                     | 1                    |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 2.2                                                                                                                               | 1                     | 2                    | Project 1 (Page no. 777-778)<br>Project 2 (Page no. 779-780)<br>Project 3 (Page no. 781-782)<br>Project 4 (Page no. 783-784)<br>Project 5 (Page no. 785-787)<br>Project 6 (Page no. 788-789)<br>Project 7 (Page no. 793-794)                                 |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 3.1                                                                                                                               | 1                     | 1                    |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 3.2                                                                                                                               | 2                     | 3                    | Project 1 (Page no. 777-778)<br>Project 2 (Page no. 779-780)<br>Project 3 (Page no. 785-787)<br>Project 4 (Page no. 790-792)<br>Project 5 (Page no. 795-800)<br>Project 6 (Page no. 801-806)<br>Project 7 (Page no. 807-812)<br>Project 8 (Page no. 813-818) |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 4.1                                                                                                                               | 1                     | 1                    |                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                  |
|   |                                                             | 4.2                                                                                                                               | 1                     | 2                    | Project 1 (Page no. 777-778)<br>Project 2 (Page no. 779-780)<br>Project 3 (Page no. 785-787)<br>Project 4 (Page no. 819-824)                                                                                                                                 |                                                                                                                                                                                                                                                                                                  |

**Annexure-B**  
**(Final Technical Evaluation Sheet)**

**Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 - 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

|                                                            |                  |
|------------------------------------------------------------|------------------|
|                                                            |                  |
| <b>Length of the project</b>                               | <b>8.3 Km</b>    |
| <b>Length of tunnel in the project</b>                     | <b>3.65 Km</b>   |
| <b>2 times of Project Length</b>                           | <b>7.3 Km</b>    |
| <b>3 times of project length</b>                           | <b>10.95 Km</b>  |
| <b>Tunnel Length requirement for single completed work</b> | <b>1.5 Km</b>    |
| <b>Cost of the Project</b>                                 | <b>1218.35</b>   |
| <b>Annual T/O (2% of the cost of project)</b>              | <b>24.37</b>     |
| <b>40% length of Project</b>                               | <b>3.32</b>      |
| <b>Bid due Date</b>                                        | <b>24-Sep-20</b> |
| <b>Requirement for JV</b>                                  |                  |
| <b><i>JV Lead</i></b>                                      |                  |
| <b>2 times of Project Length (50%)</b>                     | <b>3.65 Km</b>   |
| <b>3 times of project length (50%)</b>                     | <b>5.475 Km</b>  |
| <b>Tunnel Length requirement for single completed work</b> | <b>1.5 Km</b>    |
| <b>Annual T/O (2% of the cost of project) (50%)</b>        | <b>12.1835</b>   |
| <b><i>JV Other Partner</i></b>                             |                  |
| <b>2 times of Project Length (30%)</b>                     | <b>2.19 Km</b>   |
| <b>3 times of project length (30%)</b>                     | <b>3.285 Km</b>  |
| <b>Annual T/O (2% of the cost of project) (30%)</b>        | <b>7.3101</b>    |
| <b><i>JV Overall</i></b>                                   |                  |
| <b>2 times of Project Length</b>                           | <b>7.3 Km</b>    |
| <b>3 times of project length</b>                           | <b>10.95 Km</b>  |
| <b>Tunnel Length requirement for single completed work</b> | <b>1.5 Km</b>    |
| <b>Annual T/O (2% of the cost of project)</b>              | <b>24.367</b>    |
|                                                            |                  |

**Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 - 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

| <b>Applicant No.</b> | <b>Name of Applicant</b>                                                                                                                        | <b>Sole/JV/ Association</b> |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>1/5</b>           | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd.                                                 | <b>Association</b>          |
| <b>2/5</b>           | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd.                                                           | <b>Association</b>          |
| <b>3/5</b>           | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited     | <b>JV</b>                   |
| <b>4/5</b>           | M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited                                                | <b>Association</b>          |
| <b>5/5</b>           | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. | <b>JV</b>                   |

| Minimum Eligibility Criteria for the Firm |                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                                   |                                                                                                                                                                                                                                             |                                                                                                                                                                                                    |                                                                                                                                                                                                                                                           |                                                                                                                                                               |                          |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Applicant                                 | Name of Firm                                                                                                                                    | Sole/JV/ Association                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Associate member for Road Inspection Technology | Is Associate member common with 2 or more bidders | Preparation of DPR (NH/SH/Equivalent)                                                                                                                                                                                                       | Project Supervision/IC (NH/SH/Equivalent)                                                                                                                                                          |                                                                                                                                                                                                                                                           | Annual Turnover                                                                                                                                               | ELIGIBLE OR NOT ELIGIBLE |
|                                           |                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                 |                                                   | The firm should have Minimum experience of Preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of 2/4/6- lane highway/metro/rail tunnel of aggregate length equal to or more than 7.30 km (Single Tube) | The firm should have minimum Experience of Project Supervision/Independent Engineer/Consultant of 2/4/6- lane highway/metro/rail tunnel of aggregate length equal to or more 10.95km(Single Tube). | Firm should also have experience of Project Supervision/ Independent Engineer/ Authority' Engineer of at least one project of similar category of two/four/six lane highway/metro/rail tunnel work of length equal to 1.5 km or more length (single tube) | Annual turnover (average of last 3 years) of the firm from consultancy business should be equal to or more than 2% of Estimated Project Cost. (Rs. 24.37 cr.) |                          |
| 1/5                                       | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd.                                                 | Association                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                               | No                                                | Yes                                                                                                                                                                                                                                         | Yes                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                       | Yes                                                                                                                                                           | Eligible                 |
| 2/5                                       | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd.                                                           | Association                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | M/s SRI INFOTECH                                | No                                                | Yes                                                                                                                                                                                                                                         | Yes                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                       | Yes                                                                                                                                                           | Eligible                 |
| 3/5                                       | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited     | JV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                               | No                                                | Yes                                                                                                                                                                                                                                         | Yes                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                       | Yes                                                                                                                                                           | Eligible                 |
| 4/5                                       | M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited                                                | <p>From the bid submitted by M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited, it has been observed that, M/s Geodata Engineering SPA, lead member of the bidder, is having more than 50% shareholding of partners having citizenship of China. As per the guidelines under Rule 144 (xi) of the General Financial Rules (GFRs) dated 27.07.2020, issued by Ministry of Finance, "Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority".</p> <p>As per the MoRTH letter no. H-39011/10/2020-P&amp;P (C.No. - 186050) dated 19.11.2020, it is to be observed that M/s Geodata Engineering SPA, is not registered with Competent Authority as on Bid due date of the subject project. Therefore, as on bid due date, M/s Geodata Engineering SPA, is not eligible to participate in the bidding process of the subject consultancy work, and accordingly the bid of M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited, has been declared technically non-responsive.</p> |                                                 |                                                   |                                                                                                                                                                                                                                             |                                                                                                                                                                                                    |                                                                                                                                                                                                                                                           |                                                                                                                                                               | Not Eligible             |
| 5/5                                       | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. | JV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M/s G-Eng Advisory Services Pvt. Ltd.           | No                                                | Yes                                                                                                                                                                                                                                         | Yes                                                                                                                                                                                                | Yes                                                                                                                                                                                                                                                       | Yes                                                                                                                                                           | Eligible                 |

**Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

| Applicant | Name of Firm                                                                                                                                    | Relevant experience for the assignment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   | Experience in use of technology for road inspection |                   | Qualifications and competence of the key staff for the assignment |                   | Total        |                   | No. of CVs Scoring less than 75% marks | Responsive/Non-Responsive | Rank |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------|-------------------|-------------------------------------------------------------------|-------------------|--------------|-------------------|----------------------------------------|---------------------------|------|
|           |                                                                                                                                                 | As Evaluated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Claimed by Bidder | As Evaluated                                        | Claimed by Bidder | As Evaluated                                                      | Claimed by Bidder | As Evaluated | Claimed by Bidder |                                        |                           |      |
|           |                                                                                                                                                 | 40.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40.00             | 20.00                                               | 20.00             | 40.00                                                             | 40.00             | 100.00       | 100               |                                        |                           |      |
| 1/5       | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd.                                                 | 36.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40.00             | 14.00                                               | 20.00             | 36.59                                                             | 38.43             | <u>87.09</u> | 98.43             | 0                                      | Responsive                | 3.00 |
| 2/5       | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd.                                                           | 36.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 37.50             | 19.00                                               | 19.00             | 37.45                                                             | 37.52             | <u>92.95</u> | 94.02             | 0                                      | Responsive                | 2.00 |
| 3/5       | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited     | 39.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40.00             | 20.00                                               | 20.00             | 36.73                                                             | 38.23             | <u>95.73</u> | 98.23             | 0                                      | Responsive                | 1.00 |
| 4/5       | M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited                                                | <p>From the bid submitted by M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited, it has been observed that, M/s Geodata Engineering SPA, lead member of the bidder, is having more than 50% shareholding of partners having citizenship of China. As per the guidelines under Rule 144 (xi) of the General Financial Rules (GFRs) dated 27.07.2020, issued by Ministry of Finance, "Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority".</p> <p>As per the MoRTH letter no. H-39011/10/2020-P&amp;P (C.No. - 186050) dated 19.11.2020, it is to be observed that M/s Geodata Engineering SPA, is not registered with Competent Authority as on Bid due date of the subject project. Therefore, as on bid due date, M/s Geodata Engineering SPA, is not eligible to participate in the bidding process of the subject consultancy work, and accordingly the bid of M/s Geodata Engineering SPA in association with M/s Vaishnavi Infratech Services Private Limited, has been declared technically non-responsive.</p> |                   |                                                     |                   |                                                                   |                   |              |                   |                                        | Non-Responsive            | #N/A |
| 5/5       | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. | 35.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 40.00             | 10.00                                               | 15.00             | 5.10                                                              | 37.05             | <u>50.60</u> | 92.05             | 8                                      | Non-Responsive            | 4.00 |

**Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummadpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

| S. No.       | Description                                                                                                                                                                                                                                         | Max. Marks | 1/5                                                                                             |                   |                   |  | 2/5                                                                                  |                   |  | 3/5                                                                                                                                         |                   |  | 5/5                                                                                                                                             |                   |  |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|-------------------|--|--------------------------------------------------------------------------------------|-------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--|
|              |                                                                                                                                                                                                                                                     |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   |                   |  | M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   |  | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   |  | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |  |
|              |                                                                                                                                                                                                                                                     |            |                                                                                                 | As per Evaluation | Claimed by Bidder |  | As per Evaluation                                                                    | Claimed by Bidder |  | As per Evaluation                                                                                                                           | Claimed by Bidder |  | As per Evaluation                                                                                                                               | Claimed by Bidder |  |
| 1            | Average Annual Turnover (last 3 years) from consultancy business                                                                                                                                                                                    | 2          |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | < 2% of TPC - 0 marks                                                                                                                                                                                                                               |            |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | 2% of TPC - 1.5 marks                                                                                                                                                                                                                               |            |                                                                                                 | 2                 | 2                 |  | 2                                                                                    | 2                 |  | 2                                                                                                                                           | 2                 |  | 2                                                                                                                                               | 2                 |  |
|              | Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks.                                                                                                                      |            |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
| 2            | Number of key personnel (as defined in RFP) with the firm in highway sector with more than one year with the firm.                                                                                                                                  | 10         |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | <10 personnel -0 marks                                                                                                                                                                                                                              |            |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | 10 to 20 - 8 Marks                                                                                                                                                                                                                                  |            |                                                                                                 | 10                | 10                |  | 10                                                                                   | 10                |  | 10                                                                                                                                          | 10                |  | 9                                                                                                                                               | 10                |  |
|              | > 20 but ≤30 -9 marks                                                                                                                                                                                                                               |            |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | > 30 personnel - 10 marks                                                                                                                                                                                                                           |            |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
| 3            | Experience as Independent Engineer/ Authority Engineer /Construction Supervision in number of Tunnel (road/railway/metro rail projects etc.) Projects of length equal to 1.50 km or more (single tube) in last 10 Years.                            | 10         |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | 1 project - 8 marks<br>Add 1 (one) mark extra for completed assignment of Independent Engineer/authority engineer and<br>add 0.5 (zero point five) mark extra for completed assignment of supervision consultancy subject to maximum 2 (two) marks. |            |                                                                                                 | 9                 | 10                |  | 9                                                                                    | 10                |  | 9                                                                                                                                           | 10                |  | 9                                                                                                                                               | 10                |  |
| 4            | Experience in DPR preparation for Number of Tunnel (roads/Railway/Metro rail projects etc.) Projects of length equal to 1.50 km or more (Single Tube) in last 10 years.                                                                             | 5          |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | 1 project - 3 marks                                                                                                                                                                                                                                 |            |                                                                                                 | 5                 | 5                 |  | 5                                                                                    | 5                 |  | 5                                                                                                                                           | 5                 |  | 5                                                                                                                                               | 5                 |  |
|              | Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks                                                                                                                                                        |            |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
| 5            | Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6** of length (40% of the 1 project - 1 marks                                                                                   | 3          |                                                                                                 |                   |                   |  |                                                                                      |                   |  |                                                                                                                                             |                   |  |                                                                                                                                                 |                   |  |
|              | Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks                                                                                                                                                        |            |                                                                                                 | 3                 | 3                 |  | 3                                                                                    | 3                 |  | 3                                                                                                                                           | 3                 |  | 3                                                                                                                                               | 3                 |  |
| 6            | In hand DPRs of Highway/Bridge/Tunnel Projects for NHAI (Presently Under Progress)<br>1 - 5 Marks<br>2-5 - 7.5 Marks<br>>5 - 10 Marks                                                                                                               | 10         |                                                                                                 | 7.5               | 10                |  | 7.5                                                                                  | 7.5               |  | 10                                                                                                                                          | 10                |  | 7.5                                                                                                                                             | 10                |  |
| <b>Total</b> |                                                                                                                                                                                                                                                     | <b>40</b>  |                                                                                                 | <b>36.5</b>       | <b>40</b>         |  | <b>36.5</b>                                                                          | <b>37.5</b>       |  | <b>39</b>                                                                                                                                   | <b>40</b>         |  | <b>35.5</b>                                                                                                                                     | <b>40</b>         |  |

Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]

| Evaluation sheet for assessment of experience in use of technology for road inspection |                                                                                                                 |               | 1/5                                                                                             |                   | 2/5                                                                                   |                   | 3/5                                                                                                                                         |                   | 5/5                                                                                                                                             |                   |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S.No.                                                                                  | Description                                                                                                     | Maximum Point | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                                                                                        |                                                                                                                 |               | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                          | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                                                                                      | Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection                         | 7             |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 1.1                                                                                    | (a) Equipment on MOU with Associate or on hiring basis-2<br>(b) Own Equipment - 4                               | 4             | 2                                                                                               | 4                 | 4                                                                                     | 4                 | 4                                                                                                                                           | 4                 | 2                                                                                                                                               | 2                 |
| 1.2                                                                                    | (a) Experience of 1 -2 projects - 1<br>(b) Experience of 3-5 projects - 2<br>(c) Experience of > 5 projects - 3 | 3             | 3                                                                                               | 3                 | 3                                                                                     | 3                 | 3                                                                                                                                           | 3                 | 1                                                                                                                                               | 3                 |
| 2                                                                                      | Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement         | 4             |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 2.1                                                                                    | (a) Equipment on MOU with Associate or on hiring basis-1<br>(b) Own Equipment - 2                               | 2             | 1                                                                                               | 2                 | 2                                                                                     | 2                 | 2                                                                                                                                           | 2                 | 1                                                                                                                                               | 1                 |
| 2.2                                                                                    | (a) Experience of 1 -3 projects - 1<br>(b) Experience >3 projects - 2                                           | 2             | 2                                                                                               | 2                 | 2                                                                                     | 2                 | 2                                                                                                                                           | 2                 | 1                                                                                                                                               | 2                 |
| 3                                                                                      | Experience in Mobile Bridge Inspection Unit or better technology for Bridges inspection                         | 5             |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 3.1                                                                                    | (a) Equipment on MOU with Associate or on hiring basis-1<br>(b) Own Equipment - 2                               | 2             | 1                                                                                               | 2                 | 1                                                                                     | 1                 | 2                                                                                                                                           | 2                 | 1                                                                                                                                               | 1                 |
| 3.2                                                                                    | (a) Experience of 1 -2 projects - 1<br>(b) Experience of 3-5 projects - 2<br>(c) Experience of > 5 projects - 3 | 3             | 3                                                                                               | 3                 | 3                                                                                     | 3                 | 3                                                                                                                                           | 3                 | 2                                                                                                                                               | 3                 |
| 4                                                                                      | Experience in Retro reflectometer technology                                                                    | 4             |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 4.1                                                                                    | (a) Equipment on MOU with Associate or on hiring basis-1<br>(b) Own Equipment - 2                               | 2             | 1                                                                                               | 2                 | 2                                                                                     | 2                 | 2                                                                                                                                           | 2                 | 1                                                                                                                                               | 1                 |
| 4.2                                                                                    | (a) Experience of 1 -3 projects - 1<br>(b) Experience >3 projects - 2                                           | 2             | 1                                                                                               | 2                 | 2                                                                                     | 2                 | 2                                                                                                                                           | 2                 | 1                                                                                                                                               | 2                 |
|                                                                                        | <b>Total</b>                                                                                                    | <b>20</b>     | <b>14</b>                                                                                       | <b>20</b>         | <b>19</b>                                                                             | <b>19</b>         | <b>20</b>                                                                                                                                   | <b>20</b>         | <b>10</b>                                                                                                                                       | <b>15</b>         |

Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148)

| S. No. | Description                                 | Max. Marks   | Summary of Qualifications and competence of the key staff for the assignment                    |       |              |                   |                                                                                      |                                |                   |       |                                                                                                                                             |                   |                         |              |                                                                                                                                                 |       |       |                       |       |      |       |       |
|--------|---------------------------------------------|--------------|-------------------------------------------------------------------------------------------------|-------|--------------|-------------------|--------------------------------------------------------------------------------------|--------------------------------|-------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-----------------------|-------|------|-------|-------|
|        |                                             |              | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |       |              |                   | M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                                |                   |       | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   |                         |              | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |       |       |                       |       |      |       |       |
|        |                                             |              | Name                                                                                            | Marks |              |                   | Name                                                                                 | Marks                          |                   |       | Name                                                                                                                                        | Marks             |                         |              | Name                                                                                                                                            | Marks |       |                       |       |      |       |       |
|        |                                             | As Evaluated | Claimed by Bidder                                                                               |       | As Evaluated | Claimed by Bidder |                                                                                      | As Evaluated                   | Claimed by Bidder |       | As Evaluated                                                                                                                                | Claimed by Bidder |                         | As Evaluated | Claimed by Bidder                                                                                                                               |       |       |                       |       |      |       |       |
| 1      | Team Leader Cum Senior Tunnel Expert        | 10           | Vijay Gupta                                                                                     | 88.00 | 8.80         | 91.00             | 9.10                                                                                 | Yousef Eshaghpour Rahimabadi   | 95.00             | 9.50  | 95.00                                                                                                                                       | 9.50              | Shivendra Kumar Agarwal | 91.00        | 9.10                                                                                                                                            | 95.00 | 9.50  | RAJEEV KUMAR          | 51.00 | 5.10 | 90.00 | 9.00  |
| 2      | Resident Engineer cum Excavation Specialist | 6            | Sameer Goel                                                                                     | 84.00 | 5.04         | 91.00             | 5.46                                                                                 | Kanumuri Sita Rama Raju        | 88.00             | 5.28  | 90.00                                                                                                                                       | 5.40              | Indu Bhushan Khajuria   | 91.00        | 5.46                                                                                                                                            | 91.00 | 5.46  | Shekhar modi          | 0.00  | -    | 91.00 | 5.46  |
| 3      | Senior Geotechnical Expert                  | 5            | ABDUL MAJID MIR                                                                                 | 91.00 | 4.55         | 91.00             | 4.55                                                                                 | José Meléndez Arranz           | 91.00             | 4.55  | 86.00                                                                                                                                       | 4.30              | Hasib M. Ghouse         | 85.00        | 4.25                                                                                                                                            | 95.00 | 4.75  | SINDU KUMAR           | 0.00  | -    | 91.00 | 4.55  |
| 4      | Tunnel Design Engineer                      | 4            | Muthukaruppan Ramanathan                                                                        | 99.00 | 3.96         | 99.00             | 3.96                                                                                 | Ashok Wankhade                 | 87.00             | 3.48  | 91.00                                                                                                                                       | 3.64              | Mohammad Tariq          | 82.00        | 3.28                                                                                                                                            | 91.00 | 3.64  | B R Sharma            | 0.00  | -    | 91.00 | 3.64  |
| 5      | Tunnel Safety Expert                        | 4            | Mohan M G                                                                                       | 82.00 | 3.28         | 95.00             | 3.80                                                                                 | Janardhanam Varatharajan       | 95.00             | 3.80  | 95.00                                                                                                                                       | 3.80              | Sujit Kumar Singh       | 91.00        | 3.64                                                                                                                                            | 91.00 | 3.64  | Shamshe Ali           | 0.00  | -    | 92.00 | 3.68  |
| 6      | Senior Geologist                            | 4            | SATT PRAKASH                                                                                    | 95.00 | 3.80         | 95.00             | 3.80                                                                                 | Alok Kumar Pathak              | 100.00            | 4.00  | 100.00                                                                                                                                      | 4.00              | Raj Kumar Saxena        | 93.00        | 3.72                                                                                                                                            | 95.00 | 3.80  | Gajendra Pratap Singh | 0.00  | -    | 94.00 | 3.76  |
| 7      | Senior Contract Specialist                  | 3            | Subhash Chand Jindal                                                                            | 99.00 | 3.96         | 99.00             | 3.96                                                                                 | Atanu Das                      | 90.00             | 3.60  | 91.00                                                                                                                                       | 3.64              | Prakash Chandra Jha     | 96.00        | 3.84                                                                                                                                            | 96.00 | 3.84  | K. Satish Kumar       | 0.00  | -    | 93.00 | 3.72  |
| 8      | MEP Expert                                  | 4            | Mahendra Singh                                                                                  | 80.00 | 3.20         | 95.00             | 3.80                                                                                 | Chandrakant Marotrao Nitnaware | 81.00             | 3.24  | 81.00                                                                                                                                       | 3.24              | Divakar Jha             | 86.00        | 3.44                                                                                                                                            | 90.00 | 3.60  | Ashok Kumar           | 0.00  | -    | 81.00 | 3.24  |
|        | Total                                       | 40           |                                                                                                 |       | 36.59        |                   | 38.43                                                                                |                                |                   | 37.45 |                                                                                                                                             | 37.52             |                         |              | 36.73                                                                                                                                           |       | 38.23 |                       |       | 5.10 |       | 37.05 |

**Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

| Team Leader cum Sr Tunnel Expert |                                                                                                                                                             |            | Name of firms                                                                                   |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S. No.                           | Description                                                                                                                                                 | Max. Marks |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | Name of the bidder----->>>>>>                                                                                                                               |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                                  |                                                                                                                                                             |            | Vijay Gupta                                                                                     |                   | Yousef Eshaghpour Rahimabadi                                                         |                   | Shivendra Kumar Agarwal                                                                                                                     |                   | RAJEEV KUMAR                                                                                                                                    |                   |
|                                  |                                                                                                                                                             |            | Marks                                                                                           |                   | Marks                                                                                |                   | Marks                                                                                                                                       |                   | Marks                                                                                                                                           |                   |
|                                  |                                                                                                                                                             |            | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                         | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                                | General Qualification                                                                                                                                       | 25         |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | I) Graduate in Civil Engineering                                                                                                                            | 21         | 21                                                                                              | 21                | 21                                                                                   | 21                | 21                                                                                                                                          | 21                | 21                                                                                                                                              | 21                |
|                                  | II) Post-Graduate or chartered engineer in Mining Engineering/ Geotechnical Engineering /Structural Engineering/Rock Mechanics or equivalent                | 4          | 0                                                                                               | 0                 | 4                                                                                    | 4                 | 0                                                                                                                                           | 4                 | 0                                                                                                                                               | 0                 |
| 2                                | Adequacy for the Project                                                                                                                                    | 70         |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| i)                               | Total Professional Experience                                                                                                                               |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | < 20years - 0 marks                                                                                                                                         |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 20 years - 5 marks                                                                                                                                          | 7          | 7                                                                                               | 7                 | 7                                                                                    | 7                 | 7                                                                                                                                           | 7                 | 7                                                                                                                                               | 7                 |
|                                  | Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.                                                                   |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| ii)                              | Total professional experience in handling major tunnelling projects                                                                                         |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | < 15 years - 0 marks                                                                                                                                        |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 15 years - 6 marks                                                                                                                                          | 8          | 8                                                                                               | 8                 | 8                                                                                    | 8                 | 8                                                                                                                                           | 8                 | 8                                                                                                                                               | 8                 |
|                                  | Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.                                                                   |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| iii)                             | Experience in major tunnel construction/construction supervision projects (Road/Rail/Metro)                                                                 |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | < 10 years - 0 marks                                                                                                                                        |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 10 years - 7 marks                                                                                                                                          | 10         | 10                                                                                              | 10                | 10                                                                                   | 10                | 10                                                                                                                                          | 10                | 10                                                                                                                                              | 10                |
|                                  | add 1.5 mark extra for additional year subject to maximum 3 (three) mark                                                                                    |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b)                               | Experience in Similar Capacity                                                                                                                              |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b i)                             | Experience as Team Leader or similar capacity in construction supervision of major tunnel projects (Road/Rail/Metro) of length equal to or more than 1.5 Km |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | < 5 years -0 marks                                                                                                                                          |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 5 years - 7 marks                                                                                                                                           | 10         | 10                                                                                              | 10                | 10                                                                                   | 10                | 10                                                                                                                                          | 10                | 0                                                                                                                                               | 10                |
|                                  | Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.                                                                            |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b ii)                            | Experience as Team Leader or similar capacity of project Preparation/Design of tunnel projects(Road/Rail/Metro) of length 1.5 Km or more                    |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 1 Project – 8 marks                                                                                                                                         | 10         | 8                                                                                               | 10                | 10                                                                                   | 10                | 10                                                                                                                                          | 10                | 0                                                                                                                                               | 9                 |
|                                  | Add 1 marks extra for each additional project subject to maximum 2 marks.                                                                                   |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b iii)                           | Experience as Team Leader or similar capacity in construction supervision of tunnels (Road/Rail/Metro) of length 1.5 km or more                             |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | <2 project -0 mark                                                                                                                                          |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 2 Projects – 15 marks                                                                                                                                       | 20         | 20                                                                                              | 20                | 20                                                                                   | 20                | 20                                                                                                                                          | 20                | 0                                                                                                                                               | 20                |
|                                  | Add 1.25 mark extra for each additional projects subject to maximum 5(five) marks                                                                           |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| c)                               | Experience in project preparation/ design of major tunnel projects apart from those under 2 (b) (ii) (Road/Rail/Metro)                                      |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 1 project -4 marks                                                                                                                                          | 5          | 4                                                                                               | 5                 | 5                                                                                    | 5                 | 5                                                                                                                                           | 5                 | 5                                                                                                                                               | 5                 |
|                                  | 2 or more -5 marks                                                                                                                                          |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 3                                | Employment with the Firm                                                                                                                                    |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | < 1 Year - 0 marks                                                                                                                                          |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | 1 Year - 3 marks                                                                                                                                            | 5          | 0                                                                                               | 0                 | 0                                                                                    | 0                 | 0                                                                                                                                           | 0                 | 0                                                                                                                                               | 0                 |
|                                  | Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                           |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                  | Total:                                                                                                                                                      | 100        | 88.00                                                                                           | 91.00             | 95.00                                                                                | 95.00             | 91.00                                                                                                                                       | 95.00             | 51.00                                                                                                                                           | 90.00             |

Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

| 3.2 Resident cum Tunnel Excavation Expert |                                                                                                                                                                                                        |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|--------------|-------------------|
| S. No.                                    | Description                                                                                                                                                                                            | Max. Marks | Name of firms                                                                                   |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           |                                                                                                                                                                                                        |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |              |                   |              |                   |
|                                           |                                                                                                                                                                                                        |            | Sameer Goel                                                                                     | Kanumuri Sita Rama Raju                                                               | Indu Bhushan Khajuria                                                                                                                       | Shekhar modi                                                                                                                                    |              |                   |              |                   |
|                                           |                                                                                                                                                                                                        |            | Marks                                                                                           |                                                                                       | Marks                                                                                                                                       |                                                                                                                                                 | Marks        |                   | Marks        |                   |
|                                           |                                                                                                                                                                                                        |            | As Evaluated                                                                                    | Claimed by Bidder                                                                     | As Evaluated                                                                                                                                | Claimed by Bidder                                                                                                                               | As Evaluated | Claimed by Bidder | As Evaluated | Claimed by Bidder |
| 1                                         | General Qualification                                                                                                                                                                                  | 25         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | I) Graduate in Civil/Mining Engineering or equivalent                                                                                                                                                  | 21         | 21                                                                                              | 21                                                                                    | 21                                                                                                                                          | 21                                                                                                                                              | 21           | 21                |              | 21                |
|                                           | II) Post-Graduate or chartered engineer in civil/Mining Engineering or equivalent                                                                                                                      | 4          | 0                                                                                               | 0                                                                                     | 0                                                                                                                                           | 0                                                                                                                                               | 0            | 0                 |              | 0                 |
| 2                                         | Adequacy for the Project                                                                                                                                                                               | 70         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| a)                                        | Total Experience                                                                                                                                                                                       |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| a i)                                      |                                                                                                                                                                                                        | 15         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | < 15 years - 0 marks                                                                                                                                                                                   |            | 15                                                                                              | 15                                                                                    | 14                                                                                                                                          | 15                                                                                                                                              | 15           | 15                |              | 15                |
|                                           | 15 years - 12 marks                                                                                                                                                                                    |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | Add 1 mark extra for each additional completed year of experience subject to maximum 3 (three) marks.                                                                                                  |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| a ii)                                     | Total professional experience in handling major tunnelling projects                                                                                                                                    | 10         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | < 10 years - 0 marks                                                                                                                                                                                   |            | 10                                                                                              | 10                                                                                    | 10                                                                                                                                          | 10                                                                                                                                              | 10           | 10                |              | 10                |
|                                           | 10 years - 7 marks                                                                                                                                                                                     |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks.                                                                                                         |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| b)                                        | Experience in Similar Capacity                                                                                                                                                                         |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| b i)                                      | Experience as Tunnel Excavation Expert or similar capacity 10 in construction supervision of major tunnelling projects (Road/Rail/Metro)                                                               | 10         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | < 7 nos - 0                                                                                                                                                                                            |            | 10                                                                                              | 10                                                                                    | 10                                                                                                                                          | 10                                                                                                                                              | 10           | 10                |              | 10                |
|                                           | 7 nos - 7 marks                                                                                                                                                                                        |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | Add 1.5 marks extra for each additional year of experience subject to maximum 3 (three) marks                                                                                                          |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| b ii)                                     | Experience as Tunnel Excavation Expert or similar capacity 20 in construction supervision of tunnel projects (Road/Rail/Metro) of minimum length of 1.5 km (Minimum one year supervision in a project) | 20         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | < 2 projects - 0 marks                                                                                                                                                                                 |            | 20                                                                                              | 20                                                                                    | 20                                                                                                                                          | 20                                                                                                                                              | 20           | 20                |              | 20                |
|                                           | 2 projects - 15 marks                                                                                                                                                                                  |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | Add 2.5 (two point five) mark extra for each additional project subject to maximum 5 (five) mark                                                                                                       |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| b iii)                                    | Experience in tunnel design/ DPR/ preparation / feasibility study/design review involving major tunnel projects (Road/Rail/Metro) of minimum length of 1.5 km (minimum 1 year experience in a project) | 10         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | 1 project - 7 marks                                                                                                                                                                                    |            | 8                                                                                               | 10                                                                                    | 10                                                                                                                                          | 10                                                                                                                                              | 10           | 10                |              | 10                |
|                                           | Add 1 mark extra for each additional projects subject to maximum 3 (three) marks                                                                                                                       |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| c)                                        | Experience in construction of major tunnel projects 5 (Road/Rail/Metro) apart from those under 2 (b) (ii)                                                                                              | 5          |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | 1 project - 3 marks                                                                                                                                                                                    |            | 0                                                                                               | 5                                                                                     | 3                                                                                                                                           | 4                                                                                                                                               | 5            | 5                 |              | 5                 |
|                                           | Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.                                                                                                                        |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
| 3                                         | Employment with the Firm                                                                                                                                                                               | 5          |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | < 1 year - 0 marks                                                                                                                                                                                     |            | 0                                                                                               | 0                                                                                     | 0                                                                                                                                           | 0                                                                                                                                               | 0            | 0                 |              | 0                 |
|                                           | 1 year or more - 3                                                                                                                                                                                     |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                                                                      |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |
|                                           | Total:                                                                                                                                                                                                 | 100        | 84                                                                                              | 91                                                                                    | 88                                                                                                                                          | 90                                                                                                                                              | 91           | 91                | 0            | 91                |

Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Gujarat  
Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

| 3.4 Senior Geotechnical Expert |                                                                                                                                                                                             |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------|--------------|-------------------|----|
| S. No.                         | Description                                                                                                                                                                                 | Max. Marks | Name of firms                                                                                   |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                |                                                                                                                                                                                             |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |              |                   |              |                   |    |
|                                |                                                                                                                                                                                             |            | ABDUL MAJID MIR                                                                                 | José Meléndez Arranz                                                                  | Hasib M. Ghouse                                                                                                                             | SINDU KUMAR BAGATI                                                                                                                              |              |                   |              |                   |    |
|                                |                                                                                                                                                                                             |            | Marks                                                                                           |                                                                                       | Marks                                                                                                                                       |                                                                                                                                                 | Marks        |                   | Marks        |                   |    |
|                                |                                                                                                                                                                                             |            | As Evaluated                                                                                    | Claimed by Bidder                                                                     | As Evaluated                                                                                                                                | Claimed by Bidder                                                                                                                               | As Evaluated | Claimed by Bidder | As Evaluated | Claimed by Bidder |    |
| 1                              | General Qualification                                                                                                                                                                       | 25         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | I) Graduate in Civil Engineering / Masters in Engineering Geology or equivalent from a recognized university                                                                                | 21         | 21                                                                                              | 21                                                                                    | 21                                                                                                                                          | 21                                                                                                                                              | 21           | 21                |              |                   | 21 |
|                                | II) Post Graduate in Rock Mechanics /Foundation Engineering/ Tunnel Engineering                                                                                                             | 4          | 0                                                                                               | 0                                                                                     | 0                                                                                                                                           | 0                                                                                                                                               | 0            | 4                 |              |                   | 0  |
| 2                              | Adequacy for the Project                                                                                                                                                                    | 70         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| a)                             | Total Professional Experience                                                                                                                                                               |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| a i)                           |                                                                                                                                                                                             | 15         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | < 20 years - 0 marks                                                                                                                                                                        |            | 15                                                                                              | 15                                                                                    | 15                                                                                                                                          | 15                                                                                                                                              | 15           | 15                |              |                   | 15 |
|                                | 20 years -11 marks                                                                                                                                                                          |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.                                                                                                  |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| a ii)                          | Experience in Construction/ Construction Supervision of major tunnel projects(Road/Rail/Metro)                                                                                              | 10         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | < 10 years -0 marks                                                                                                                                                                         |            | 10                                                                                              | 10                                                                                    | 10                                                                                                                                          | 10                                                                                                                                              | 10           | 10                |              |                   | 10 |
|                                | 10 years -7 marks                                                                                                                                                                           |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.                                                                                                 |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| b                              | Experience in Similar Capacity                                                                                                                                                              |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| b i)                           | Experience as Geotechnical engineer or similar capacity in construction/ construction supervision of at least 4 tunnel projects(Road/Rail/Metro) of length                                  | 25         |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | < 4 projects – 0 marks                                                                                                                                                                      |            | 25                                                                                              | 25                                                                                    | 25                                                                                                                                          | 25                                                                                                                                              | 21           | 25                |              |                   | 25 |
|                                | 4 projects -17 marks                                                                                                                                                                        |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | Add 2 mark extra for each additional project subject to maximum 8 (eight) marks                                                                                                             |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| b ii)                          | Experience as Geotechnical engineer or similar capacity in Construction/ Construction Supervision of major tunnel projects involving vertical shaft sinking of at least 200m vertical depth | 5          | 5                                                                                               | 5                                                                                     | 5                                                                                                                                           | 0                                                                                                                                               | 5            | 5                 |              |                   | 5  |
|                                | 1 project- 4 marks                                                                                                                                                                          |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | 2 or more -5 marks                                                                                                                                                                          |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| b iii)                         | Experience as Geotechnical engineer or similar capacity in design/project preparation of tunnel projects(Road/Rail/Metro) of at least 1.5 km length                                         | 15         | 15                                                                                              | 15                                                                                    | 15                                                                                                                                          | 15                                                                                                                                              | 13           | 15                |              |                   | 15 |
|                                | < 2 projects – 0 marks                                                                                                                                                                      |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | 2 projects – 11 marks                                                                                                                                                                       |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | Add 2 marks extra for each additional projects subject to maximum 4 (four) marks.                                                                                                           |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
| 3                              | Employment with the Firm                                                                                                                                                                    | 5          |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | < 1 year -0 marks                                                                                                                                                                           |            | 0                                                                                               | 0                                                                                     | 0                                                                                                                                           | 0                                                                                                                                               | 0            | 0                 |              |                   | 0  |
|                                | 1 year -3 marks                                                                                                                                                                             |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                                                           |            |                                                                                                 |                                                                                       |                                                                                                                                             |                                                                                                                                                 |              |                   |              |                   |    |
|                                | Total:                                                                                                                                                                                      | 100        | 91                                                                                              | 91                                                                                    | 91                                                                                                                                          | 86                                                                                                                                              | 85           | 95                | 0            |                   | 91 |

CV not evaluated as Team Leader scored less than 75 marks

Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Navagaon Jagger Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on FPC Mode (Delhi-Vadodara/NH-148N/AF/Plot 101)  
Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

| 3.2 TUNNEL DESIGN ENGINEER |                                                                                                                                                                                                                                                                                                                        |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S. No.                     | Description                                                                                                                                                                                                                                                                                                            | Max. Marks | Name of firms                                                                                   |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                            |                                                                                                                                                                                                                                                                                                                        |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                            |                                                                                                                                                                                                                                                                                                                        |            | Muthukaruppan Ramanathan                                                                        |                   | Ashok Wankhade                                                                        |                   | Mohammad Tariq                                                                                                                              |                   | B R Sharma                                                                                                                                      |                   |
|                            |                                                                                                                                                                                                                                                                                                                        |            | Marks                                                                                           |                   | Marks                                                                                 |                   | Marks                                                                                                                                       |                   | Marks                                                                                                                                           |                   |
|                            |                                                                                                                                                                                                                                                                                                                        |            | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                          | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                          | <b>General Qualification</b>                                                                                                                                                                                                                                                                                           | 25         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                            | I) Graduate in Civil Engineering or equivalent                                                                                                                                                                                                                                                                         | 21         | 21                                                                                              | 21                | 21                                                                                    | 21                | 21                                                                                                                                          | 21                |                                                                                                                                                 | 21                |
|                            | II) PPost-Graduate in Engineering (Structural)                                                                                                                                                                                                                                                                         | 4          | 4                                                                                               | 4                 | 0                                                                                     | 0                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 0                 |
| 2                          | <b>Adequacy for the Project</b>                                                                                                                                                                                                                                                                                        | 70         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| a)                         | <b>Professional Experience in Tunnel Design:</b>                                                                                                                                                                                                                                                                       |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| i)                         | Total Professional Experience<br><20 years – 0 marks<br>20 years – 11 marks<br>Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.                                                                                                                                              | 15         | 15                                                                                              | 15                | 15                                                                                    | 15                | 11                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
| ii)                        | Total Professional Experience in handling major Tunnel Projects<br><12 years – 0 marks<br>12 years – 7 marks<br>Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.                                                                                                            | 10         | 10                                                                                              | 10                | 10                                                                                    | 10                | 10                                                                                                                                          | 10                |                                                                                                                                                 | 10                |
| b)                         | Experience in Similar Capacity                                                                                                                                                                                                                                                                                         |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b i)                       | Experience in tunnel design (Road/Rail/Metro) works in similar capacity<br><12 years – 0 marks<br>12 years – 7 marks<br>Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.                                                                                                    | 10         | 10                                                                                              | 10                | 7                                                                                     | 10                | 7                                                                                                                                           | 10                |                                                                                                                                                 | 10                |
| b ii)                      | Experience in similar capacity in Project Preparation/DPR involving design of tunnels (Road/Rail/Metro) of more than 1.5 km length (Min. 1 year experience in a project)<br>< 3 projects – 0 marks<br>3 projects – 11 marks<br>Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.        | 15         | 15                                                                                              | 15                | 15                                                                                    | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
| b iii)                     | Experience in similar capacity in construction/construction supervision projects involving design/design review of tunnels of more than 1.5 Km length (Min. 1 year experience)<br><2 projects – 0 marks<br>2 projects – 7 marks<br>Add 1.5 mark extra for each additional projects subject to maximum 3 (three) marks. | 10         | 10                                                                                              | 10                | 10                                                                                    | 10                | 10                                                                                                                                          | 10                |                                                                                                                                                 | 10                |
| c i)                       | Experience in innovation tunnel design (Road/Rail/Metro)<br>5 like immersed tunnel and sub-sea bored tunnel<br>1 projects – 4 marks<br>2 or more projects -5 marks                                                                                                                                                     | 5          | 5                                                                                               | 5                 | 5                                                                                     | 5                 | 4                                                                                                                                           | 5                 |                                                                                                                                                 | 5                 |
| c ii)                      | Experience in design tunnel projects (Road/Rail/Metro) apart from those under 2 (b) (ii) 1 project – 4 marks<br>2 or more projects – 5 marks                                                                                                                                                                           | 5          | 5                                                                                               | 5                 | 4                                                                                     | 5                 | 4                                                                                                                                           | 5                 |                                                                                                                                                 | 5                 |
| 3                          | <b>Employment with the Firm</b>                                                                                                                                                                                                                                                                                        | 5          |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                            | < 1 year – 0 marks                                                                                                                                                                                                                                                                                                     |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                            | 1 year or more -3 marks<br>Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                                                                                                                                                           |            | 4                                                                                               | 4                 | 0                                                                                     | 0                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 0                 |
|                            | <b>Total:</b>                                                                                                                                                                                                                                                                                                          | 100        | 99                                                                                              | 99                | 87                                                                                    | 91                | 82                                                                                                                                          | 91                | 0                                                                                                                                               | 91                |

**Consultancy Services for Authority's Engineer for Supervision of Construction of Eight Lane access-controlled expressway starting near Junction with NH-12 near village Ummedpura to Major Bridge over Takli River near Nayagaon Jageer Village (Ch. 419.000 – 427.300) section of Delhi - Vadodara Green Field Alignment (NH-148N) under Bharatmala Pariyojana in the state of Rajasthan on EPC Mode [Delhi-Vadodara/NH-148N/AE/Pkg10]**

**Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.**

| 3.3 TUNNEL SAFETY EXPERT |                                                                                                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S. No.                   | Description                                                                                                                                   | Max. Marks | Name of firms                                                                                   |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          |                                                                                                                                               |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                          |                                                                                                                                               |            | Mohan M G                                                                                       |                   | Janardhanam Varatharajan                                                              |                   | Sujit Kumar Singh                                                                                                                           |                   | Shamshe Ali                                                                                                                                     |                   |
|                          |                                                                                                                                               |            | Marks                                                                                           |                   | Marks                                                                                 |                   | Marks                                                                                                                                       |                   | Marks                                                                                                                                           |                   |
|                          |                                                                                                                                               |            | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                          | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                        | General Qualification                                                                                                                         | 25         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | I) Graduate in Civil/Mining Engineering or equivalent                                                                                         | 21         | 21                                                                                              | 21                | 21                                                                                    | 21                | 21                                                                                                                                          | 21                |                                                                                                                                                 | 21                |
|                          | II) Any professional Certification from a recognized/statutory body on safety/health/shot firer                                               | 4          | 4                                                                                               | 4                 | 4                                                                                     | 4                 | 4                                                                                                                                           | 4                 |                                                                                                                                                 | 4                 |
| 2                        | Adequacy for the Project                                                                                                                      | 70         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| A i)                     | Total Professional Experience                                                                                                                 |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | < 20 years -0 marks                                                                                                                           |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 20 years -11 marks                                                                                                                            | 15         | 15                                                                                              | 15                | 15                                                                                    | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 12                |
|                          | Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.                                                    |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| A ii)                    | Experience Tunnel (Road/Rail/Metro) Safety Works                                                                                              |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | < 10 years - 0 marks                                                                                                                          |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 10 years -11 marks                                                                                                                            | 15         | 15                                                                                              | 15                | 15                                                                                    | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
|                          | Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.                                                    |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| A iii)                   | International exposure in tunnel safety works                                                                                                 |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | < 5 years - 0 marks                                                                                                                           |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 5 years - 7 marks                                                                                                                             | 10         | 0                                                                                               | 10                | 10                                                                                    | 10                | 8                                                                                                                                           | 8                 |                                                                                                                                                 | 10                |
|                          | Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.                                                             |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b                        | Experience in Similar Capacity                                                                                                                |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b i)                     | Experience in similar capacity of Tunnel Safety Audits during construction stage of tunnel projects(Road/Rail/Metro) of minimum length of 1.5 |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | < 2 projects- 0 marks                                                                                                                         |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 2 nos projects - 11 marks                                                                                                                     | 15         | 12                                                                                              | 15                | 15                                                                                    | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
|                          | Add 1 mark extra for each additional projects subject to maximum 4 (four) marks.                                                              |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b ii)                    | Experience in similar capacity of Tunnel Safety Audits in design stage on tunnel projects (Road/Rail/Metro)                                   |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 1 project - 8 marks                                                                                                                           | 10         | 10                                                                                              | 10                | 10                                                                                    | 10                | 10                                                                                                                                          | 10                |                                                                                                                                                 | 10                |
|                          | 2 or more - 10 marks                                                                                                                          |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| c)                       | Experience in construction of major tunnel projects 5 (Road/Rail/Metro) using                                                                 |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 1 project - 3 marks                                                                                                                           | 5          | 5                                                                                               | 5                 | 5                                                                                     | 5                 | 3                                                                                                                                           | 3                 |                                                                                                                                                 | 5                 |
|                          | Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 3                        | Employment with the Firm                                                                                                                      |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | < 1 year -0 marks                                                                                                                             |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | 1 year or more -3 marks                                                                                                                       | 5          | 0                                                                                               | 0                 | 0                                                                                     | 0                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 0                 |
|                          | Add 0.5 marks for each subsequent year subject to maximum 2                                                                                   |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                          | Total:                                                                                                                                        | 100        | 82                                                                                              | 95                | 95                                                                                    | 95                | 91                                                                                                                                          | 91                | 0                                                                                                                                               | 92                |

Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment.

| Senior GEOLOGIST |                                                                                                                                                      | Max. Marks | Name of firms                                                                                   |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S. No.           | Description                                                                                                                                          |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Eurostudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                  |                                                                                                                                                      |            | SATT PRAKASH                                                                                    |                   | Alok Kumar Pathak                                                                    |                   | Raj Kumar Saxena                                                                                                                            |                   | Gajendra Pratap Singh                                                                                                                           |                   |
|                  |                                                                                                                                                      |            | Marks                                                                                           |                   | Marks                                                                                |                   | Marks                                                                                                                                       |                   | Marks                                                                                                                                           |                   |
|                  |                                                                                                                                                      |            | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                         | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                | General Qualification                                                                                                                                | 25         |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | I) Graduation in Geology or equivalent                                                                                                               | 21         | 21                                                                                              | 21                | 21                                                                                   | 21                | 21                                                                                                                                          | 21                |                                                                                                                                                 | 21                |
|                  | II) Masters in Geology /Applied Geology from recognized university.                                                                                  | 4          | 4                                                                                               | 4                 | 4                                                                                    | 4                 | 4                                                                                                                                           | 4                 |                                                                                                                                                 | 4                 |
| 2                | Adequacy for the Project                                                                                                                             | 70         |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| A                | Total Professional Experience                                                                                                                        |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| a i)             |                                                                                                                                                      |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | <<20 years – 0                                                                                                                                       | 20         | 20                                                                                              | 20                | 20                                                                                   | 20                | 18                                                                                                                                          | 20                |                                                                                                                                                 | 19                |
|                  | 20 years – 15 marks                                                                                                                                  |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.                                                           |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| a ii)            | Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro) using NATM                                               | 15         | 15                                                                                              | 15                | 15                                                                                   | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
|                  | < 5 years -0 marks                                                                                                                                   |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | 5 years -12 marks                                                                                                                                    |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.                                                                     |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b                | Experience in Similar Capacity                                                                                                                       |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b i)             | Experience in major Tunnel(Road/Rail/Metro) Construction                                                                                             | 15         | 15                                                                                              | 15                | 15                                                                                   | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
|                  | 15                                                                                                                                                   |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | < 7 years – 0 marks                                                                                                                                  |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | 7 years – 12 marks                                                                                                                                   |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.                                                          |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b ii)            | Experience in similar capacity in project preparation/DPR involving of major tunnel projects (Road/Rail/Metro). (Min 1 year experience in a project) | 10         | 10                                                                                              | 10                | 10                                                                                   | 10                | 10                                                                                                                                          | 10                |                                                                                                                                                 | 10                |
|                  | <2 projects – 0 marks                                                                                                                                |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | 2 projects -7 marks                                                                                                                                  |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.                                                                 |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b iii)           | Experience in similar capacity in highway tunnel construction/construction supervision with minimum length of 1.5 Km                                 | 10         | 10                                                                                              | 10                | 10                                                                                   | 10                | 10                                                                                                                                          | 10                |                                                                                                                                                 | 10                |
|                  | < 2 projects – 0 marks                                                                                                                               |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | 2 project – 7 marks                                                                                                                                  |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Add 1.5 marks extra for each additional projects subject to                                                                                          |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 3                | Employment with the Firm                                                                                                                             |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | < 1 year -0 marks                                                                                                                                    | 5          | 0                                                                                               | 0                 | 5                                                                                    | 5                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 0                 |
|                  | 1 year or more -3 marks                                                                                                                              |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                    |            |                                                                                                 |                   |                                                                                      |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                  | Total:                                                                                                                                               | 100        | 95                                                                                              | 95                | 100                                                                                  | 100               | 93                                                                                                                                          | 95                | 9                                                                                                                                               | 94                |

CV not evaluated as Team Leader scored less than 75 marks

| 3.6 Senior Contract Specialist |                                                                                                                                                                                  |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S. No.                         | Description                                                                                                                                                                      | Max. Marks | Name of firms                                                                                   |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                |                                                                                                                                                                                  |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                                |                                                                                                                                                                                  |            | Subhash Chand Jindal                                                                            |                   | Atanu Das                                                                             |                   | Prakash Chandra Jha                                                                                                                         |                   | K. Satish Kumar                                                                                                                                 |                   |
|                                |                                                                                                                                                                                  |            | Marks                                                                                           |                   | Marks                                                                                 |                   | Marks                                                                                                                                       |                   | Marks                                                                                                                                           |                   |
|                                |                                                                                                                                                                                  |            | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                          | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                              | General Qualification                                                                                                                                                            | 25         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | I) Graduate in Civil Engineering                                                                                                                                                 | 21         | 21                                                                                              | 21                | 21                                                                                    | 21                | 21                                                                                                                                          | 21                |                                                                                                                                                 | 21                |
|                                | II). Post Graduate Degree in Law/PG in management/certificate course in management/certificate course in management/certificate course management                                | 4          | 4                                                                                               | 4                 | 0                                                                                     | 0                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 4                 |
| 2                              | Adequacy for the Project                                                                                                                                                         | 70         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| a)                             | Professional Experience                                                                                                                                                          |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| i)                             | Total Professional Experience of Contract Management.                                                                                                                            |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | < 15 years -0 marks                                                                                                                                                              | 20         | 20                                                                                              | 20                | 20                                                                                    | 20                | 20                                                                                                                                          | 20                |                                                                                                                                                 | 18                |
|                                | 15 years -15 marks                                                                                                                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | Add one mark extra for each additional year of experience subject to maximum 5 (five) marks                                                                                      |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| ii)                            | Experience as Contract Specialist on any National/State Highway project.                                                                                                         | 20         | 20                                                                                              | 20                | 20                                                                                    | 20                | 20                                                                                                                                          | 20                |                                                                                                                                                 | 20                |
|                                | < 4 years -0 marks                                                                                                                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | 4 years -15 marks                                                                                                                                                                |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.                                                                                     |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| iii)                           | Contract Management of a large Highway contract say over Rs.150 crore including experience of handling variation orders, claims of the contractor and there appropriate disposal | 25         | 25                                                                                              | 25                | 25                                                                                    | 25                | 25                                                                                                                                          | 25                |                                                                                                                                                 | 25                |
|                                | > 2 nos - 0 marks                                                                                                                                                                |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | 2 nos. -20 marks                                                                                                                                                                 |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.                                                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| iv)                            | Experience of Handling Arbitration cases in respect of any 5 Highway project.                                                                                                    | 5          | 5                                                                                               | 5                 | 4                                                                                     | 5                 | 5                                                                                                                                           | 5                 |                                                                                                                                                 | 5                 |
|                                | 1 project -4 marks                                                                                                                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | 2 or more projects-5 marks                                                                                                                                                       |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| 3                              | Employment with the Firm                                                                                                                                                         |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | < 1 year -0 marks                                                                                                                                                                | 5          | 4                                                                                               | 4                 | 0                                                                                     | 0                 | 5                                                                                                                                           | 5                 |                                                                                                                                                 | 0                 |
|                                | 1 year -3 marks                                                                                                                                                                  |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                                                |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                | Total:                                                                                                                                                                           | 100        | 99                                                                                              | 99                | 90                                                                                    | 91                | 96                                                                                                                                          | 96                | 0                                                                                                                                               | 93                |

| 3.6 Tunnel ventilation cum E&M Expert |                                                                                                                                                                                                                                                                                        |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| S. No.                                | Description                                                                                                                                                                                                                                                                            | Max. Marks | Name of firms                                                                                   |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       |                                                                                                                                                                                                                                                                                        |            | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |                   | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |                   |
|                                       |                                                                                                                                                                                                                                                                                        |            | Mahendra Singh                                                                                  |                   | Chandrakant Marotrao Nitnaware                                                        |                   | Divakar Jha                                                                                                                                 |                   | Ashok Kumar                                                                                                                                     |                   |
|                                       |                                                                                                                                                                                                                                                                                        |            | Marks                                                                                           |                   | Marks                                                                                 |                   | Marks                                                                                                                                       |                   | Marks                                                                                                                                           |                   |
|                                       |                                                                                                                                                                                                                                                                                        |            | As Evaluated                                                                                    | Claimed by Bidder | As Evaluated                                                                          | Claimed by Bidder | As Evaluated                                                                                                                                | Claimed by Bidder | As Evaluated                                                                                                                                    | Claimed by Bidder |
| 1                                     | General Qualification                                                                                                                                                                                                                                                                  | 25         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | I) Graduate in Civil/Mechanical/Electrical/Electronics                                                                                                                                                                                                                                 | 21         | 21                                                                                              | 21                | 21                                                                                    | 21                | 21                                                                                                                                          | 21                |                                                                                                                                                 | 21                |
|                                       | II). Post Graduate in water Resource/Tunnel/Mechanical/Electrical Engineering                                                                                                                                                                                                          | 4          | 4                                                                                               | 4                 | 0                                                                                     | 0                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 0                 |
| 2                                     | Adequacy for the Project                                                                                                                                                                                                                                                               | 70         |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| a)                                    | Total Professional Experience                                                                                                                                                                                                                                                          |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | <20 years – 0 marks<br>20 years – 11 marks<br>Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.                                                                                                                                               | 15         | 15                                                                                              | 15                | 15                                                                                    | 15                | 12                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
| a ii)                                 | Experience Tunnel (Road/Rail/Metro) MEP Works                                                                                                                                                                                                                                          |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | <10 years – 0 marks<br>10 years – 11 marks<br>Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.                                                                                                                                               | 15         | 12                                                                                              | 15                | 15                                                                                    | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
| iii)                                  | International exposure in tunnel MEP works                                                                                                                                                                                                                                             |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | <5 years – 0 marks<br>5 years – 7 marks<br>Add 1 mark extra for each additional projects subject to maximum 3 (three) marks.                                                                                                                                                           | 10         | 0                                                                                               | 10                | 0                                                                                     | 0                 | 9                                                                                                                                           | 9                 | CV not evaluated as Team Leader scored less then 75 marks                                                                                       | 0                 |
| b                                     | Experience in Similar Capacity                                                                                                                                                                                                                                                         |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
| b i)                                  | Experience in similar capacity of Tunnel MEP works during construction stage of tunnel projects(Road/Rail/Metro) of minimum length of 1.5 km<br>< 2 projects – 0 marks<br>2 projects – 15 marks<br>Add 1.25 mark extra for each additional projects subject to maximum 5 (five) marks. | 15         | 13                                                                                              | 15                | 15                                                                                    | 15                | 14                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
| b ii)                                 | Experience in similar capacity of Tunnel MEP works in design stage on tunnel projects (Road/Rail/Metro)<br>1 project – 12 marks<br>2 or more – 15 marks                                                                                                                                | 15         | 15                                                                                              | 15                | 15                                                                                    | 15                | 15                                                                                                                                          | 15                |                                                                                                                                                 | 15                |
| 3                                     | Employment with the Firm                                                                                                                                                                                                                                                               |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | < 1 year -0 marks                                                                                                                                                                                                                                                                      |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | 1 year -3 marks                                                                                                                                                                                                                                                                        | 5          | 0                                                                                               | 0                 | 0                                                                                     | 0                 | 0                                                                                                                                           | 0                 |                                                                                                                                                 | 0                 |
|                                       | Add 0.5 marks for each subsequent year subject to maximum 2 marks                                                                                                                                                                                                                      |            |                                                                                                 |                   |                                                                                       |                   |                                                                                                                                             |                   |                                                                                                                                                 |                   |
|                                       | Total:                                                                                                                                                                                                                                                                                 | 100        | 80                                                                                              | 95                | 81                                                                                    | 81                | 86                                                                                                                                          | 90                | 0                                                                                                                                               | 81                |

| S. No. | Description                                 | Maximum Age Limit | 1/5                                                                                             |            |                   | 2/5                                                                                   |            |                   | 3/5                                                                                                                                         |            |                   | 5/5                                                                                                                                             |            |                   |
|--------|---------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------|------------|-------------------|---------------------------------------------------------------------------------------|------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------|-------------------|
|        |                                             |                   | M/s AECOM Asia Company Limited in association with M/s Chaitanya Projects Consultancy Pvt. Ltd. |            |                   | M/s TPF Getinsa Euroestudios S.L. in association with M/s Rodic Consultants Pvt. Ltd. |            |                   | M/s Intercontinental Consultants and Technocrats Pvt. Ltd. in JV with M/s Hexa Co. and in association with M/s Nokang Infra Private Limited |            |                   | M/s ILF Consulting Engineers Austria GmbH in JV with M/s Yongma Engineering Co. Ltd and in association with M/s CHO & KIM Engineering Pvt. Ltd. |            |                   |
|        |                                             |                   | Name                                                                                            | D.O.B      | Age on 24.09.2020 | Name                                                                                  | D.O.B      | Age on 24.09.2020 | Name                                                                                                                                        | D.O.B      | Age on 24.09.2020 | Name                                                                                                                                            | D.O.B      | Age on 24.09.2020 |
| 1      | Team Leader Cum Senior Tunnel Expert        | 65                | Vijay Gupta                                                                                     | 09-06-1975 | 45 Years          | Yousef Eshaghpour Rahimabadi                                                          | 04-08-1959 | 61 Years          | Shivendra Kumar Agarwal                                                                                                                     | 16-06-1967 | 53 Years          | RAJEEV KUMAR                                                                                                                                    | 11-07-1974 | 46 Years          |
| 2      | Resident Engineer cum Excavation Specialist | 65                | Sameer Goel                                                                                     | 03-05-1970 | 50 Years          | Kanumuri Sita Rama Raju                                                               | 16-11-1981 | 38 Years          | Indu Bhushan Khajuria                                                                                                                       | 31-03-1970 | 50 Years          | Shekhar modi                                                                                                                                    | 27-12-1976 | 43 Years          |
| 3      | Senior Geotechnical Expert                  | 65                | ABDUL MAJID MIR                                                                                 | 05-04-1957 | 63 Years          | José Meléndez Arranz                                                                  | 21-01-1961 | 59 Years          | Hasib M. Ghouse                                                                                                                             | 17-07-1971 | 49 Years          | SINDU KUMAR BAGATI                                                                                                                              | 19-10-1970 | 49 Years          |
| 4      | Tunnel Design Engineer                      | 65                | Muthukaruppan Ramanathan                                                                        | 28-05-1959 | 61 Years          | Ashok Wankhade                                                                        | 06-06-1963 | 57 Years          | Mohammad Tariq                                                                                                                              | 12-11-1977 | 42 Years          | B R Sharma                                                                                                                                      | 17-09-1957 | 63 Years          |
| 5      | Tunnel Safety Expert                        | 65                | Mohan M G                                                                                       | 01-06-1968 | 52 Years          | Janardhanam Varatharajan                                                              | 09-01-1961 | 59 Years          | Sujit Kumar Singh                                                                                                                           | 25-01-1967 | 53 Years          | Shamshe Ali                                                                                                                                     | 09-01-1971 | 49 Years          |
| 6      | Senior Geologist                            | 65                | SATT PRAKASH                                                                                    | 08-01-1972 | 48 Years          | Alok Kumar Pathak                                                                     | 01-07-1969 | 51 Years          | Raj Kumar Saxena                                                                                                                            | 14-04-1967 | 53 Years          | Gajendra Pratap Singh                                                                                                                           | 10-07-1975 | 45 Years          |
| 7      | Senior Contract Specialist                  | 65                | Subhash Chand Jindal                                                                            | 05-05-1957 | 63 Years          | Atanu Das                                                                             | 21-02-1972 | 48 Years          | Prakash Chandra Jha                                                                                                                         | 18-05-1963 | 57 Years          | K. Satish Kumar                                                                                                                                 | 24-03-1979 | 41 Years          |
| 8      | MEP Expert                                  | 65                | Mahendra Singh                                                                                  | 24-03-1956 | 64 Years          | Chandrakant Marotrao Nitnaware                                                        | 02-11-1971 | 48 Years          | Divakar Jha                                                                                                                                 | 01-11-1960 | 59 Years          | Ashok Kumar                                                                                                                                     | 02-11-1955 | 64 Years          |

Signature Not Verified

Digitally signed by ROHIN KUMAR GUPTA  
Date: 2021.02.08 17:36:08 IST  
Location: eProcurement System for Central PSUs

