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**NATIONAL HIGHWAYS AUTHORITY OF INDIA
MADURAI REGION**

Minutes of Meeting of Tender Evaluation Committee (Tech. Evaluation) dated 29.03.2025 for "Consultancy Services for Supervision Consultants (SC) of Operation & Maintenance of Four Lining of Madurai - Aruppukottai - Tuticorin section from Km 138+800 to Km 266+865 of NH-38 (Old NH-45B) in the State of Tamil Nadu".

1. The Tender Evaluation Committee, constituted upon the approval of Regional Officer, Madurai has opened the bids on 28.01.2025 and the following Bids were received;

- i. M/s SA Infrastructure Consultants Private Limited. in association with Varad Associates, Noida (Bid ID: 811616)
- ii. M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur (Bid ID: 812257)
- iii. M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon (Bid ID: 812269)
- iv. M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur (Bid ID: 812410)
- v. M/s L.N. Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal (Bid ID: 812523)

2. Upon examining the online bids and with reference to the Team IDs created in Infracon Portal, the committee found that all the 5 Nos. of Bids are responsive. In this regard, it is to mention that, all the bidders have submitted the tender fee of Rs.5,000/- through online to NHAI, RO-Madurai Bank account well in advance before the BDD of 27.01.2025. Further, the Committee has recommended to confirm the online payments submitted by the bidders (through NEFT/RTGS) towards cost of bid documents in the account of RO, NHAI, Madurai vide Note #122 in e-file No. 223456 dated 30.01.2025. In turn, Finance Division, RO, Madurai has confirmed receipt of amounts in NHAI, RO Madurai account vide Note #124 in e-file No.223456 dated 30.01.2025.

3. Subsequently, the Committee has admitted & evaluated the 5 Nos. of bids based on available scanned copies. The details of the same are as follows;

3.1. M/s SA Infrastructure Consultants Private Limited. in association with Varad Associates, Noida (Bid ID: 811616):

i. Annual Turnover: Average Annual Turnover for the last 5 years is Rs.172.17 Cr against minimum requirement of Rs.5.00 Cr.

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ii. One Project of Eligible category:

S. No	Criteria	M/s SA Infrastructure Consultants Private Limited. in association with Varad Associates, Noida
1	Experience in DPR/FS cum PPR preparation in last 7 years for atleast (i) two projects of 4/6 laning of 30% of project length (38.420 Km) each or (ii) one project of 4/6 laning of 50% of project length (64.033 Km)	Consultancy Services for Preparation of Detailed Project Report for Development of Economic Corridors, Inter Corridors and Feeder Routes to improve the efficiency of freight movement in India under Bharatmala Pariyojana (Lot-5/Package-7). (Total length: 431 Km - 4 Lane)
2	Experience as IE/AE/SC in construction projects in last 7 years for atleast (i) two construction projects of four/six laning** of 30% of project length (38.420 Km) each or (ii) one projects of four/six laning** of 50% project length (64.033 Km)	Consultancy Services for Authority's Engineer for Supervision for the project of Development to Four lanes with paved shoulders of Lambra - Barnala section of NH-71 in the State of Punjab (Total length: 133.62 Km - 4 Lane)
3	Experience as IE/SC in atleast one O&M project under DBFOT/OMT/O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years	Independent Engineer Services for Supervision of Operation and Maintenance of Allahabad Bypass (including Ganga Bridge Package ABP-1) from km 158.00 to km 242.708 of NH-2 in the State of UP (Total length: 84 Km - 4 Lane)

iii. Available technical capacity has been reviewed as per NHAI, HQrs vide Policy Guidelines No.10.1.33/2022 dated 25.04.2022 and subsequent clarification. The Bidder has remaining capacity for new project during current financial year.

iv. Hence, committee considered the bid as responsive and admitted for Detailed Technical Evaluation.

3.2. M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur (Bid ID: 812257):

i. Annual Turnover: Average Annual Turnover for the last 5 years is Rs.64.10 Cr against minimum requirement of Rs.5.00 Cr.

ii. One Project of Eligible category:

S. No	Criteria	M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur
1	Experience in DPR/FS cum PPR preparation in last 7 years for atleast (i) two projects of 4/6 laning of 30% of project length (38.420 Km) each or (ii) one project of 4/6 laning of 50% of project length (64.033 Km)	Consultancy services for preparation of DPR for Development of Economic Corridors, Inter Corridors, Feeder Routes & Green Field Alignment to improve the efficiency of freight movement in India under Bharatmala Pariyojana (Package-7/Lot-4).

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S. No	Criteria	M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur
		(Total length: 208.24 Km - 6 Lane)
2	Experience as IE/AE/SC in construction projects in last 7 years for atleast (i) two construction projects of four/six laning** of 30% of project length (38.420 Km) each or (ii) one projects of four/six laning** of 50% project length (64.033 Km)	Consultancy services for Authority's Engineer for Supervision of Rehabilitation and upgradation to 2 lane with paved shoulder/ 4-lane standards of National Highway Section (i) Nandgaon - Morshi section of NH-753K (Length - 43 km) & Section (ii) Morshi to MH/MP State Border section of NH-353. (Total length: 46.74 Km - 4 Lane)
3	Experience as IE/SC in atleast one O&M project under DBFOT/OMT/O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years	Independent Engineer Services during Operation & Maintenance Stage of 4/6 lanes Stretch from Km. 40.000 to Km. 221.500 of Hyderabad Vijayawada Section of NH-65 (Old NH No. 9) Package No. NHDP-III/BOT/AP-01 on DBFOT Basis in the State of Telangana and Andhra Pradesh. (Total length: 181.50 Km - 4 Lane)

iii. Available technical capacity has been reviewed as per NHAI, HQrs vide Policy Guidelines No.10.1.33/2022 dated 25.04.2022 and subsequent clarification. The Bidder has remaining capacity for new project during current financial year.

iv. Hence, committee considered the bid as responsive and admitted for Detailed Technical Evaluation.

3.3. M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon (Bid ID: 812269):

i. Annual Turnover: Average Annual Turnover for the last 5 years is **Rs.186.71 Cr** against minimum requirement of Rs.5.00 Cr.

ii. One Project of Eligible category:

S. No	Criteria	M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon
1	Experience in DPR/FS cum PPR preparation in last 7 years for atleast (i) two projects of 4/6 laning of 30% of project length (38.420 Km) each or (ii) one project of 4/6 laning of 50% of project length (64.033 Km)	Consultancy Services for Project Management phase-I including preparation of Detailed Project Report of Ghaziabad - Noida - Faridabad -Sohna Road (Uttar Pradesh & Haryana) of National Highways/ state roads (approved "In Principle" for declaration as national highways) for up gradation to two/four lane with paved shoulder configuration (LOT -V) (Total length: 79 Km - 4 Lane)

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S. No	Criteria	M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon
2	Experience as IE/AE/SC in construction projects in last 7 years for atleast (i) two construction projects of four/six laning** of 30% of project length (38.420 Km) each or (ii) one projects of four/six laning** of 50% project length (64.033 Km)	Independent Engineer (IE) Services for Four laned section of Jetpur Somnath Section of NH-8D from km.0.000 to km.127.000 (Length 127.00 Km.) including construction of Junagadh Bypass in the state of Gujarat to be executed as BOT(toll) Project on DBFOT pattern under NHDP Phase-III (Total length: 123.45 Km - 4 Lane)
3	Experience as IE/SC in atleast one O&M project under DBFOT/OMT/O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years	Independent Engineer during Operation & Maintenance of 4-laned stretch from km. 175.000 (Maharashtra - Telangana Border) to km. 308.000 (Armur) of 3 contract packages (i.e. NS-2/BOT/AP- 6,7&8) on Nagpur - Hyderabad Section of NH-44 (Old NH-7) in the State of Telangana on BOT (Annuity) basis under North - South corridor (NHDP Phase-II) (Total length: 138.507 Km - 4 Lane)

iii. Available technical capacity has been reviewed as per NHAI, HQrs vide Policy Guidelines No.10.1.33/2022 dated 25.04.2022 and subsequent clarification. The Bidder has remaining capacity for new project during current financial year.

iv. Hence, committee considered the bid as responsive and admitted for Detailed Technical Evaluation.

3.4. M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur (Bid ID: 812410)

i. Annual Turnover: Average Annual Turnover for the last 5 years is Rs.42 Cr against minimum requirement of Rs.5.00 Cr.

ii. One Project of eligible category:

S. No	Criteria	M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur
1	Experience in DPR/FS cum PPR preparation in last 7 years for atleast (i) two projects of 2/4/6 laning of 30% of project length (40.138 Km) each or (ii) one project of 2/4/6 laning of 50% of project length (66.897 Km)	Preparation of Detailed Project Report of Digra - Darwha - Karanja National Highway from Km. 0/00 to 74/351 in the state of Maharashtra, for up-gradation Two lanes with paved shoulder / Four lane configuration (Total length: 74.351 Km - 4 Lane)
2	Experience as IE/AE/SC in construction projects in last 7 years for atleast (i) two construction projects of	Independent Engineer services for Four laning of Solapur- Maharashtra/ Karanataka border

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S. No	Criteria	M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur
	two/four/six laning** of 30% of project length (40.138 Km) each or (ii) one projects of two/four/six laning** of 50% project length (66.897 Km)	section of NH-9 from KM 249.00 TO KM 348.800 under NHDP Phase-III in the state of Maharashtra on BOT (TOLL) basis Total length: 100.06 Km - 4 Lane
3	Experience as IE/SC in atleast one O&M project under DBFOT/OMT /O&M of two/four/six laning** of 50% of project length (66.897 Km) in last 7 years	Independent Engineer for Operation and Maintenance of Hyderabad - Bangalore (Km 211.000 to Km 462.164) section of NH-44 in the State of Andhra Pradesh on OMT basis (Total length: 252 Km - 4 Lane)

iii. Available technical capacity has been reviewed as per NHAI, HQrs vide Policy Guidelines No.10.1.33/2022 dated 25.04.2022. The Bidder has remaining capacity for new project during current financial year.

iv. Hence committee considered the Bid as responsive and admitted for detailed technical evaluation.

3.5. M/s L.N.Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal (Bid ID: 812523):

i. Annual Turnover: Average Annual Turnover for the last 5 years is **Rs.276.10 Cr** against minimum requirement of Rs.5.00 Cr.

ii. One Project of eligible category:

S. No	Criteria	M/s L.N.Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal
1	Experience in DPR/FS cum PPR preparation in last 7 years for atleast (i) two projects of 2/4/6 laning of 30% of project length (40.138 Km) each or (ii) one project of 2/4/6 laning of 50% of project length (66.897 Km)	Preparation of Feasibility Report of Narmada Expressway Project in the State of Madhya Pradesh. (Total length: 1156.07 Km - 6 Lane)
2	Experience as IE/AE/SC in construction projects in last 7 years for atleast (i) two construction projects of two/four/six laning** of 30% of project length (40.138 Km) each or (ii) one projects of two/four/six laning** of 50% project length (66.897 Km)	Independent Engineer for Design, Construction, Supervision, Development, Finance, Operation & maintenance of four laning of Sidhi - Singrauli (NH-75E) road project on BOT (Toll) on DBFOT pattern under NHDP Phase-IV. Total length: 102.60 Km - 4 Lane
3	Experience as IE/SC in atleast one O&M project under DBFOT/OMT /O&M of two/four/six laning** of 50% of project length (66.897 Km) in last 7 years	Independent Consultancy Services during Operation & Maintenance period of 4-lane divided carriageway of Ulundurpet - Padalur section of NH-45 from Km 192/250 to Km

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S. No	Criteria	M/s L.N.Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal
		285/000 and Padalur - Trichy section of NH-45 from Km 285/000 to Km 325/000 in the State of Tamil Nadu. (Total length: 132.32 Km - 4 Lane)

v. Available technical capacity has been reviewed as per NHAI, HQrs vide Policy Guidelines No.10.1.33/2022 dated 25.04.2022. The Bidder has remaining capacity for new project during current financial year.

vi. Hence committee considered the Bid as responsive and admitted for detailed technical evaluation.

4. Based on preliminary review of the Bids, committee recommends for admitting all the bids for technical evaluation. Detailed Technical Evaluation has been taken up as per the provisions of RFP. During evaluation, the Committee deliberated the following:

- With reference to relevant experience of Firm for the assignment, the subject Project is 4 Lane configuration. Hence, committee opines to consider experience of firms & Key Personnel in 4 Lane Projects i.e. 2 projects 4/6 laning of 30% of project length or 1 project of 4/6 laning of 50% of project length at various phases of project is required for Initial marks.
- In case of In hand DPRs for NHAI Projects, Bidders furnished LOAs and Agreement copies without mentioning length of projects due to which the committee assigned marks based on longest project with supporting documents. Further, total length of projects in a Package has been considered as one unit while arriving at length of project.
- Further, Completion Certificates issued by an Officer not below the rank of Executive Engineer of Government Agencies only were considered. LOAs, Certification of Private Firms & Offer Letters are not considered as valid supporting document.
- As per RFP, all pages of CVs shall be signed by both Firm and Personnel. Marks towards qualification and competence of Key Personnel were assigned only for those Bids for which both Firm and Personnel have signed on all pages of CV and supporting documents.

5. Accordingly, the Tender Committee examined the necessary documents submitted in the Bids and the details of the same are enclosed as Annexure-A.

6. The abstract of detailed technical evaluation is hereunder;

S. No	Name of the Bidder	Bid ID	Self Evaluation by SC	Score as per NHAI Evaluation	Remarks
1	M/s SA Infrastructure Consultants Private Limited. in association with Varad Associates, Noida	811616	97.10	96.61	Annexure-1

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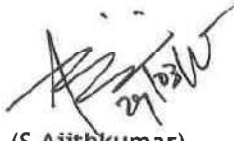
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S. No	Name of the Bidder	Bid ID	Self Evaluation by SC	Score as per NHAI Evaluation	Remarks
2	M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur	812257	96.13	93.59	Annexure-2
3	M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon	812269	100	97.40	Annexure-3
4	M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur	812410	96.52	93.75	Annexure-4
5	M/s L.N.Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal	812523	97.50	96.60	Annexure-5

7. The Committee recommends circulating the Evaluation Sheet in NHAI Website/MoRT&H INFRACON Portal to receive objections from the Bidders within a period of 7 days as per Para 5.3 (ii) of Section-2 of RFP. The Committee decided to meet after receiving objections, if any, from the Bidders at a convenient date and time.


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Member


(S Ajithkumar)
Member


(T Velraj)
Member


(Shivam Sharma)
Member


(M Chandrasekhar)
Convener

Detailed Technical Evaluation

1	Name of Firm	M/s SA Infrastructure Consultants Private Limited. in association with Varad Associates
2	Bid No	811616
3	Infracon Unique Team ID	2025-2297-364_7324 (Pg 5 & 1357)
4	Contact Address	T 1101A, XIth Floor, Tower A-II, Ansal Corporate Park, Plot No. 7A/1, Sector-142, Noida-201301 (Uttar Pradesh)
5	Email ID	bd@sainfra.com
6	Contact No	Tel. No. 0120-6148000 Fax No. 0120-6148090

Abstract of Evaluation				
S. No	Description	Max Marks	Self-Evaluation	NHAI Evaluation
1	Relevant experience for the assignment	35	35	35
2	Quality of approach and methodology	5	5	3.75
3	Experience in use of technology for road inspection	20	20	20
4	Qualifications and competence of the key staff for the assignment	40	37.1	37.86
	Total	100	97.1	96.61

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.894	NHAI evaluation	Reference	
					Pg. No.	Remark
1a	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) (Min 5 years) For 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	32	2005 > 19 years
1b	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business (Min 5 Crore) For >50 Crores – 2 marks For 20-50 Crores – 1.5 marks For 10-20 Crores – 1 mark For 5-10 Crores – 0.5 mark	2	2	2	38	Rs.172.17 Crore (157.73*1.10+ 151.64*1.21+ 130.55*1.33+ 113.92*1.46+ 101.82*1.61)/5
1c	Numbers of key personnel with the firm more than one year with the firm. <4 personnel - 0 marks 4 to 12 - Linearly varying from 0.25 to 2 > 12 personnel - 2 marks.	2	2	2	910	60 Key Personnel

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.894	NHAI evaluation	Reference	
					Pg. No.	Remark
1d	Experience in DPR/Feasibility cum PPR preparation for two projects of 4/6 laning of 30% of project length (38.420 Km) each or one project of 4/6 laning of 50% of project length (64.033 Km) in last 7 years 2 project 4/6 laning of 30% of project length each - 4 marks or 1 project of 4/6 laning of 50% of project length - 4 marks Add 0.25 (Zero point two five) marks extra for each additional project subject to maximum 1 marks.	5	5	5	341	281.74 Km - 4L Infracon Sr. No. 55
					345	104.79 Km - 4L Infracon Sr. No. 64
					348	94.16 Km - 4L Infracon Sr. No. 19
					357	227 Km - 6L
					365	431 Km - 4L
1e	In hand DPR for NHAI Projects For DPR project length > the length of project (128.065 Km) for which RFP invited - 5 Marks For DPR project length > two times the length of project (256.13 Km) for which RFP invited - 7.5 Marks For project length > three times the length of project (384.195 Km) for which RFP invited - 10 Marks **Project length' refers to 'Single Project/Package length' & not cumulative of all DPR Lengths	10	10	10	467	642 Km
1f	Experience as Independent Engineer /Authority Engineer/ Supervision Consultant two construction projects of four/six laning** of 30% of project length (38.420 Km) each or one project of four/six laning ** of 50% project length (64.033 Km) in last 7 years. 2 construction projects 4/6 laning of 30% of project length each - 4 marks Or 1 construction project of 4/6 laning of 50% of project length - 4 marks Add 1(one) mark extra for completed assignment of Independent Engineer /Supervision Consultancy subject to maximum 2 (two) mark.	6	6	6	276	69.88 Km - 6L (39.66% JV - 176.20 Km) Infracon Sr. No 65
					286	133.62 Km - 4L Infracon Sr. No. 53
					290	87.65 Km - 6L Infracon Sr. No.78
1g	Experience as Independent Engineer /	8	8	8	449	145.29 Km - 4L

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.894	NHAI evaluation	Reference	
					Pg. No.	Remark
	Supervision Consultants one O&M project under DBFOT/OMT /O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years 1 project - 6 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.				433	137.94 Km – 4L Infracon Sr. No. 38
					427	84.7 Km – 4L Infracon Sr. No. 45
					422	116.10 Km – 4L Infracon Sr. No. 41
					442	100 Km – 4L
Total (1)		35	35	35		

Annexure-A-2 Adequacy of the Proposed Approach and Methodology (Total Marks = 5) (RFP Pg. No. 57)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.895	NHAI evaluation	Reference	
					Pg. No.	Remark
2a	Site Appreciation (i) Average 0.50 (ii) Good 0.75 (iii) Very Good 1.00	1	1	1	480 - 486	
2b	Quality of Approach and Methodology (Review of scope of work and design review, construction supervision methodology, contract management approach, safety review/audit and O&M stage, initial view on project plan including key challenges envisaged and potential solutions to be judged). (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	488 - 490	
2c	Quality Audit Methodology and Quality Assurance Plan (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	0.75	490 - 496	Quality Audit Methodology not explained.
Total (2)		5	5	3.75		

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S. No	Description	Max Marks	Self-evaluation Pg.No. 749	NHAI evaluation	Reference	
					Pg. No.	Remark
3a	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection - Own an equipment / MOU with Associate – 3 marks 1-2 projects – 4 (3+1) marks 3-5 projects – 5 (3+2) marks >5 projects – 6 (3+3) marks	6	6	6	500	Owned
					520	Certificate of PD, PIU, Ranchi dated 10.01.2020.
					523	Certificate of PD, PIU, Bharuch dated 10.01.2020.
					534	Certificate of EE, PWD, Faridabad dated 31.08.2018.
					537	Certificate of PD, PIU, Lucknow dated 30.08.2018.
					528	Certificate of PD, PIU, Patna dated 31.08.2018.
					549	Certificate of PD, PIU, Prayagraj dated 08.06.2020.
3b	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement - Own an equipment/ MOU with Associate – 2 marks 1-3 projects - 2.5 (2+0.5) marks >3 projects - 3 (2+1) marks	3	3	3	506	Owned
					520	Certificate of PD, PIU, Ranchi dated 10.01.2020.
					523	Certificate of PD, PIU, Bharuch dated 10.01.2020.
					534	Certificate of EE, PWD, Faridabad dated 31.08.2018.
					537	Certificate of PD, PIU, Lucknow dated 30.08.2018.
3c	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection - Own an equipment/MOU with Associate – 2 marks 1-3 projects – 3 (2+1) marks >3 projects – 4 (2+2) marks	4	4	4	512	Owned
					520	Certificate of PD, PIU, Ranchi dated 10.01.2020.
					523	Certificate of PD, PIU, Bharuch dated 10.01.2020.
					534	Certificate of EE, PWD, Faridabad dated 31.08.2018.
					549	Certificate of PD, PIU, Prayagraj dated 08.06.2020.

Annexre-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S. No	Description	Max Marks	Self-evaluation Pg.No. 749	NHAI evaluation	Reference	
					Pg. No.	Remark
3d	Experience in Retro-Reflectometer technology - Own an equipment/MOU with Associate – 2 marks 1-3 projects – 3 (2+1) marks >3 projects – 4 (2+2) marks	4	4	4	514	Owned
					520	Certificate of PD, PIU, Ranchi dated 10.01.2020.
					523	Certificate of PD, PIU, Bharuch dated 10.01.2020.
					534	Certificate of EE, PWD, Faridabad dated 31.08.2018.
					537	Certificate of PD, PIU, Lucknow dated 30.08.2018.
3e	Experience in ATCC - Own an equipment/ MOU with Associate – 1 mark 1-3 projects – 2 (1+1) marks >3 projects – 3 (1+2) marks	3	3	3	516	Owned
					520	Certificate of PD, PIU, Ranchi dated 10.01.2020.
					523	Certificate of PD, PIU, Bharuch dated 10.01.2020.
					549	Certificate of PD, PIU, Prayagraj dated 08.06.2020.
					551	Certificate of PD, PIU, Prayagraj dated 22.06.2019
Total (3)		20	20	20		

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Annexure-A-4 Qualification & Competence of Key Personnel (Total Marks = 40)

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience **uploaded on Infracore Portal** will be taken into consideration. However, the key personnel/ bidder will be **solely responsible** for any fake information/ CV, which may result in **debarment**.

Note applicable to all key personnel:

1. If a key personnel has worked in **next lower category** to the similar capacity, the marks allotted to key personnel in the category 'experience in similar capacity' shall be reduced to **2/3rd of marks** in this category. This shall be applicable for evaluation of all key personnel.

2. Similar projects means 2/4/6 lane as applicable for the project for which RFP is invited. For **2-lane** projects experience of 4/6 lane also to be considered with a multiplication factor of **1.5**. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. For **4/6 laning** projects, experience of 2 lane will be considered with a multiplication factor of **0.4**.

S. No.	Key Position	Name of person Proposed	PAN Number	Max Marks	Self-Evaluation	NHAI Evaluation
4a	Team Leader cum Highway Engineer	Piyush Yadav	ACBPY0252D	16	14.56	15.04
4b	Highway Maintenance cum Resident Engineer	Rajeev Kumar	BERPK8325N	10	9.6	9.6
4c	Road Safety Expert	Vinod Kumar Sharma	AESPS9873F	5	4.75	4.75
4d	Bridge/Structural Engineer	Thangasamy M	ARVPT7198Q	4	3.64	3.72
4e	HTMS/Toll Expert	Anand Jain	AEFPJ8504D	5	4.55	4.75
Total (4)				40	37.1	37.86

Anneuxre-A-4-1 Evaluation of Team Leader cum Highway Engineer

Name: Piyush Yadav (Pg 587) DOB: 12.09.1977 Age: 47 years (Approx.) All Pages signed by Candidate and Firm.						
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 897	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal in 2010 (Pg 606).	
ii.	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/ Structural Engineering/ any other specialized Stream of civil engineering - 04 marks	04	0	4	M.Tech in Transportation from Oriental University, Indore in 2024 (Pg 608)	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Highway Professional Experience < 10 years - 0 10 years - 22 marks Add two marks extra for each additional completed year of experience subject to Maximum 8 (eight) marks.	30	30	30	S.No. 1 to 13	Since 08/2000. > 24 years
ii)	Experience as Team leader/Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections. < 3 years - 0 3 years - 30 marks Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	35	35	S.No.7-9, 13	From 26.03.2010 to 01.05.2015 01.03.2024 till now > 5 years
iii)	Experience in similar capacity* in Highway Development Projects taken up under EPC 1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks	5	5	4	S. No. 9	1 project
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0		
Total		100	91	94		
Weightage		16	14.56	15.04		
*Similar Capacity includes the following positions i. On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/ IE) ii. On behalf of Contractor: Project Manager (Construction/Construction Supervision)						

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iii. In Government Organizations: Superintending Engineer (or equivalent) and above

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel / bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-2 Evaluation of Highway Maintenance cum Resident Engineer

Name: Rajeev Kumar (Pg 660) DOB: 18.04.1967 Age: 57 years (Approx.) All Pages signed by Candidate and Firm.						
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 898	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.Tech in Civil Engineering from Magadh University, Bodhgaya in 1992 (Pg 676)	
ii.	Post-Graduation in Highway Engineering - 04 marks	04	0	0		
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i.	Experience in Highway works (inspection/ design/ construction/ maintenance) <7 years - 0 7years - 22 marks Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30	30	S.No. 1-17	> 30 Years Since 04/1992 to till date
ii.	Experience in similar capacity* in Highway Construction / Maintenance works of similar nature < 3 years - 0 3 years - 12 marks Add one marks extra for each additional completed year of experience subject to maximum 3 (three) marks.	15	15	15	S.No. 3 - 17	> 6 years Since 01.01.1998 to till date
iii.	Experience in similar capacity* in project involving Construction/Maintenance works of 4/6 laning/Expressways 1 project - 20 marks Add 2.5 marks extra for each project to maximum 5 (five) marks.	25	25	25	S.No. 14,15,16	3 projects
3 Employment with the Firm (5 Marks)						
	< 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	5	5	S.No. 12,13,17	Total 6 Years 01.04.2015 31.03.2018 & 02.09.2021 till date
Total		100	96	96		
Weightage		10	9.6	9.6		

***Similar Capacity** includes the following positions

- On behalf of Consultant: Highway Engineer/ Highway Maintenance Engineer/ Resident Engineer (Construction Supervision/IE)
- On behalf of Contractor: Highway Engineer / Project Manager (Construction/Construction Supervision)
- In Government Organizations: Executive Engineer (or equivalent) and above

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4.3 Evaluation of Road Safety Expert

Name: Vinod Kumar Sharma (Pg 779) DOB: 29.09.1960 Age: 64 years (Approx.) All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 899	NHAI Evaluation	Remarks	
					INFRACON	Experience
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from University of Jodhpur in 1981 (Pg 808). 15 Days certification course in safety from Malviya National Institute of Technology, Jaipur from 10 to 24 October, 2020	
ii.	Post-Graduation in Traffic/Transportation/Safety Engineering - 04 marks	04	4	4	M.Tech (Transportation) from Malviya National Institute of Technology in Year 2009 (Pg 809)	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:						
i)	Total Professional Experience <7years - 0 7years - 22 marks Add two mark extra for each additional year of experience subject to maximum 8 (eight) marks.	30	30	30	S. No. 01 to 64	> 11 years Since 12/1982 to till date.
ii)	Experience in similar capacity in Road Safety Works of Major Highway Projects (4/6 laning Projects) < 3 years - 0 3 years - 17 marks Add one mark extra for each additional year of experience subject to maximum 3 (three) marks.	20	20	20	S.No. 14 to 64	Since 01.07.2017 till now > 6 years
iii)	Experience in similar capacity in Road Safety Audit of 4/6 lane highway/Expressway projects. 1 no - 12 marks	15	15	15	S. No. 14,15,16, 38 to 53	>4 Projects

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Annexure - 1

	Add 1 (one) mark extra for each additional project subject to maximum 3(three) marks.					
iv)	Experience in similar capacity in preparation of Road Safety Management Plan for Inter Urban Highways 1 project - 3marks More than one project - 5 marks	5	5	5	S.No. 17, 18, 19, 30, 31, 32, 54	> 2 Projects
3 Employment with the Firm (5 Marks)						
	Employment with the Firm < 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0		
	Total	100	95	95		
	Weightage	5	4.75	4.75		
*Similar Capacity includes the following positions i. On behalf of Consultant: Road Safety Expert (Construction Supervision / IE) ii. On behalf of Contractor: Road Safety Expert (Construction / Construction Supervision) iii. In Government Organizations: Executive Engineer (or equivalent) and above iv. In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment. **Note: Road Safety Expert to have completed at least 15 days certification on Road Safety Audit from IAHE/ IITs / NITs / CRRI. The CV of the proposed key personnel not having completed minimum 15 days certification course shall not be evaluated. For avoidance of doubt, it is clarified that herein that the certification training course may be either from a single institution or from multiple institutions.						

Annexure-A-4-4 Evaluation of Bridge/Structural Engineer

Name: Thangasamy M (Pg 730)					
DOB: 22.11.1986 Age: 38 Years (approx.)					
All Pages signed by Candidate and Firm					
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 900	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Anna University in 2010 (Pg 749).
ii.	Post-Graduation in Structural Engineering - 04 marks.	04	4	4	ME in Structural Engineering from Anna University in 2021 (Pg 744)
2. Adequacy for the project (70 Marks)					
Professional Experience in Highway Projects:					INFRACON Experience
i)	Total Professional Experience <7 years - 0 7 years - 22 marks	30	30	30	S.No. 1,2,3,4,5,6,7 > 11 years Since 2010 to till date

Annexure - 1

	Add two mark extra for each additional completed year subject to maximum 8(eight) marks.					
ii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation < 3 years - 0 3 years - 16 marks Add one marks extra for each additional completed year of experience subject to maximum 4 (four) marks.	20	18	19	S.No. 2 S.No. 3 S.No. 6	01.11.2011 - 31.12.2012 (1 year) 01.01.2013 - 30.01.2016 (3 years) 10/2021 to 10/2023 (2 years)
iii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation of 4/6 lane highway/expressway or similar project. 1 Project - 16 marks Add 1 (one) mark extra for each additional project subject to maximum 4 (four) mark.	20	18	19	S.No. 2, 3, 4, 6	4 Projects
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0		
	Total	100	91	93		
	Weightage	4	3.64	3.72		
*Similar Capacity includes the following positions i. On behalf of Consultant: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer ii. On behalf of Contractor: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer iii. In Government Organizations: Executive Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debament.						

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Annexure-A-4-5 HTMS / TOLL Expert

Name: Anand Jain (Pg 831) DOB: 12.09.1970 Age: 44 years (Approx.) All Pages signed by Candidate and Firm					
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 901	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Electronics / Computer Science or Equivalent – 21 marks	21	21	21	B.E in Electronics and Communication Engineering from University of Delhi in 1997 (Pg 836).
ii.	Post-Graduation - 04 marks.	04	0	4	MBA from Sikkim Manipal University in 2010. (Pg 837)
2. Adequacy for the project (70 Marks)					
Professional Experience					INFRACON Experience
i)	Total Professional Experience as System Engineer <10 Years - 0 10 Years to less than 15 years - 25 marks 15 years or more - 35 marks	35	35	35	S.No. 01 to 18 (>15 years) Since 02.07.1998 to till date
ii)	Experience in establishing HTMS and Tolling System 1 Project - 20 marks 2 projects or more - 25 marks	25	25	25	S. No. 8, 9, 14 > 2 projects
iii)	Experience in International latest technology / System in the field of HTMS / Tolling of Highways Project in similar capacity - 10 marks.	10	10	10	S. No. 12,14
3 Employment with the Firm (5 Marks)					
	<1 year – 0. 1 year to less than 2 year, - 3 marks. 2 year and above - 5 marks.	5	0	0	
	Total	100	91	95	
	Weightage	5	4.55	4.75	
*Similar Capacity includes the following positions i. On behalf of Consultant/Contractor: HTMS / Toll Expert or equivalent. ii. On behalf of Government: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6months. (3) In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/bidder will be solely responsible for any fake information/CV, which may result in debarment.					

Detailed Technical Evaluation

1	Name of Firm	M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd.
2	Bid No	812257
3	Infracon Unique Team ID	2025-2297-468_3267 (Pg 802)
4	Contact Address	8 C - 1 Sector No.21 MIHAN Area Nagpur-441108.
5	Email ID	bd@knjprojects.com, contact@knjprojects.com
6	Contact No	Tel. : 0712-2556402, 9790006910, Fax : 0712-2556403

Abstract of Evaluation				
S. No	Description	Max Marks	Self-Evaluation	NHAI Evaluation
1	Relevant experience for the assignment	35	34	32
2	Quality of approach and methodology	5	5	4.5
3	Experience in use of technology for road inspection	20	20	20
4	Qualifications and competence of the key staff for the assignment	40	37.13	37.09
	Total	100	96.13	93.59

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.1207	NHAI evaluation	Reference	
					Pg. No.	Remark
1a	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) (Min 5 years) For 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	30	2004 > 20 years
1b	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business (Min 5 Crore) For >50 Crores – 2 marks For 20-50 Crores – 1.5 marks For 10-20 Crores – 1 mark For 5-10 Crores – 0.5 mark	2	2	2	68	Rs.64.10 Crore
1c	Numbers of key personnel with the firm more than one year with the firm. <4 personnel - 0 marks 4 to 12 - Linearly varying from 0.25 to 2 > 12 personnel - 2 marks.	2	2	2	582	48 Key Personnel
1d	Experience in DPR/Feasibility cum PPR preparation for two projects of 4/6 laning of	5	5	5	285	282 Km - 4L Infracon Sr. No. 69

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.1207	NHAI evaluation	Reference	
					Pg. No.	Remark
	30% of project length (38.420 Km) each or one project of 4/6 laning of 50% of project length (64.033 Km) in last 7 years 2 project 4/6 laning of 30% of project length each - 4 marks or 1 project of 4/6 laning of 50% of project length - 4 marks Add 0.25 (Zero point two five) marks extra for each additional project subject to maximum 1 marks.				289	208 Km - 6L Infracon Sr. No.102
					297	126.88 Km - 4L Infracon Sr. No 52
					302	125.41 Km - 4L Infracon Sr. No 75
					307	118.61 Km - 4L Infracon Sr. No 39
1e	In hand DPR for NHAI Projects For DPR project length > the length of project (128.065 Km) for which RFP invited - 5 Marks For DPR project length > two times the length of project (256.13 Km) for which RFP invited - 7.5 Marks For project length > three times the length of project (384.195 Km) for which RFP invited - 10 Marks **Project length' refers to 'Single Project/Package length' & not cumulative of all DPR Lengths	10	10	8	494	336.6 Km (45% JV of 748 Km) - 4L Infracon S.No.135
1f	Experience as Independent Engineer /Authority Engineer/ Supervision Consultant two construction projects of four/six laning** of 30% of project length (38.420 Km) each or one project of four/six laning ** of 50% project length (64.033 Km) in last 7 years. 2 construction projects 4/6 laning of 30% of project length each - 4 marks Or 1 construction project of 4/6 laning of 50% of project length - 4 marks Add 1(one) mark extra for completed assignment of Independent Engineer /Supervision Consultancy subject to maximum 2 (two) mark.	6	5	5	95	43.02 Km (60% JV for 71.70 Km) - 4L Infracon Sr. No 139
					177	49.79 Km (40% JV for 124.49 Km) - 6L Infracon Sr. No 77
					192	47.71 Km (0.4*48.91 (2L) + 28.15 4L) Infracon Sr. No 89
					200	46.74 Km (0.4*81.07 (2L) + 14.3 (4L)) Infracon Sr. No 88
1g	Experience as Independent Engineer / Supervision Consultants one O&M project under DBFOT/OMT /O&M of four/six laning** of 50% of project	8	8	8	399	101 Km - 4L Infracon Sr. No 67
					405	181.5 Km - 4L Infracon Sr. No 105

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.1207	NHAI evaluation	Reference	
					Pg. No.	Remark
	length (64.033 Km) in last 7 years 1 project - 6 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.				409	118 Km - 4L Infracon Sr. No 82
					422	113.07 Km - 4L Infracon Sr. No 65
					425	72.06 Km - 4L Infracon Sr. No 58
Total (1)		35	34	32		

Annexure-A-2 Adequacy of the Proposed Approach and Methodology (Total Marks = 5) (RFP Pg. No. 57)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.1208	NHAI evaluation	Reference	
					Pg. No.	Remark
2a	Site Appreciation (i) Average 0.50 (ii) Good 0.75 (iii) Very Good 1.00	1	1	1	593 - 595	
2b	Quality of Approach and Methodology (Review of scope of work and design review, construction supervision methodology, contract management approach, safety review/audit and O&M stage, initial view on project plan including key challenges envisaged and potential solutions to be judged). (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	1.50	597 - 601	Key challenges envisaged and potential solutions not judged
2c	Quality Audit Methodology and Quality Assurance Plan (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	602 - 607	
Total (2)		5	5	4.5		

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S.No	Description	Max Marks	Self-evaluation Pg.No.1209	NHAI evaluation	Reference	
					Pg. No.	Remark
3a	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection • Own an equipment / MOU with Associate – 3 marks • 1-2 projects – 4 (3+1) marks • 3-5 projects – 5 (3+2) marks • >5 projects – 6 (3+3) marks	6	6	6	611	Out Sourced. MoU & Letter Of Association with Indian Road Survey & Management Pvt. Ltd. provided.
					645	Certificate of PD-Bangalore dt.21.01.21.
					647	Certificate of PD-Yavatmal dt. 09.12.2020.
					649	Certificate of PD-Nagpur dt. 09.12.2020.
					651	Certificate of PD-Palakkad dt. 26.08.19.
					653	Certificate of PD-Hyderabad dt. 13.06.19.
					655	Certificate of PD-Nirmal dt. 10.01.18.
3b	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement • Own an equipment/ MOU with Associate – 2 marks • 1-3 projects - 2.5 (2+0.5) marks • >3 projects - 3 (2+1) marks	3	3	3	618	Owned
					645	Certificate of PD-Bangalore dt.21.01.21.
					647	Certificate of PD-Yavatmal dt. 09.12.2020.
					649	Certificate of PD-Nagpur dt. 09.12.2020.
					651	Certificate of PD-Palakkad dt. 26.08.19.
3c	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection • Own an equipment/MOU with Associate – 2 marks • 1-3 projects – 3 (2+1) marks • >3 projects – 4 (2+2) marks	4	4	4	625	Owned
					645	Certificate of PD-Bangalore dt.21.01.21.
					647	Certificate of PD-Yavatmal dt. 09.12.2020.
					649	Certificate of PD-Nagpur dt. 09.12.2020.
					651	Certificate of PD-Palakkad dt. 26.08.19.
3d	Experience in Retro-Reflectometer technology • Own an equipment/MOU with Associate – 2 marks	4	4	4	633	Owned
					645	Certificate of PD-Bangalore dt.21.01.21.
					647	Certificate of PD-Yavatmal dt. 09.12.2020.

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S.No	Description	Max Marks	Self-evaluation Pg.No.1209	NHAI evaluation	Reference	
					Pg. No.	Remark
	1-3 projects – 3 (2+1) marks >3 projects – 4 (2+2) marks				649	Certificate of PD-Nagpur dt. 09.12.2020.
					651	Certificate of PD-Palakkad dt. 26.08.19.
3e	Experience in ATCC	3	3	3	638	Owned.
	- Own an equipment/ MOU with Associate – 1 mark 1-3 projects – 2 (1+1) marks >3 projects – 3 (1+2) marks				645	Certificate of PD-Bangalore dt.21.01.21.
					651	Certificate of PD-Palakkad dt. 26.08.19.
					786	Certificate of PD-Nagpur dt. 10.01.18.
					792	Certificate of RO-Amaravati dated 25.01.2018.
Total (3)		20	20	20		

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Anneuxre-A-4 Qualification & Competence of Key Personnel (Total Marks = 40)

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience **uploaded on Infracore Portal** will be taken into consideration. However, the key personnel/ bidder will be **solely responsible** for any fake information/ CV, which may result in **debarment**.

Note applicable to all key personnel:

1.If a key personnel has worked in **next lower category** to the similar capacity, the marks allotted to key personnel in the category 'experience in similar capacity' shall be reduced to **2/3rd of marks** in this category. This shall be applicable for evaluation of all key personnel.

2. Similar projects means 2/4/6 lane as applicable for the project for which RFP is invited. For **2-lane** projects experience of 4/6 lane also to be considered with a multiplication factor of **1.5**. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. For **4/6 laning** projects, experience of 2 lane will be considered with a multiplication factor of **0.4**.

S. No.	Key Position	Name of person Proposed	PAN Number	Max Marks	Self-Evaluation	NHAI Evaluation
4a	Team Leader cum Highway Engineer	Saravanakumar P	CEHPS2829Q	16	14.8	14.8
4b	Highway Maintenance cum Resident Engineer	Ramanakumar	BCIPR2488E	10	9.1	9.1
4c	Road Safety Expert	Pravin Udhaorao Bende	AFTPB9427Q	5	5	5
4d	Bridge/Structural Engineer	Nikhil Rajendra Chaudhari	ASCPC6789Q	4	3.68	3.64
4e	HTMS/Toll Expert	Jammalamadaka Venkata Ramana Prabhu	ABSPJ4441K	5	4.55	4.55
Total (4)				40	37.13	37.09

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Annexure-A-4-1 Evaluation of Team Leader cum Highway Engineer

Name: Mr. Saravanakumar P (Pg 804) DOB: 25.07.1967 Age: 57 years (Approx.) All Pages signed by Candidate and Firm.					
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 1211	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from University of Madras in 1988 (Pg 815).
ii.	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/ Structural Engineering/ any other specialized Stream of civil engineering - 04 marks	04	4	4	M-Tech (Structure) from Annamalai University in 1993 (Pg 814).
2. Adequacy for the project (70 Marks)					
Professional Experience in Highway Projects:					INFRACON Experience
i)	Total Highway Professional Experience < 10 years - 0 10 years - 22 marks Add two marks extra for each additional completed year of experience subject to Maximum 8 (eight) marks.	30	30	30	S.No.2 - 13 and 15-17 > 14 years, Since 01.10.1995 to till date
ii)	Experience as Team leader/Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections. < 3 years - 0 3 years - 30 marks Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	32.5	32.5	S.No.8 03/2004 - 01/2006 1 year & 10 months S.No.11 01.03.2011- 30.04.2012 (1 year & 2 months) S.No.13 01.11.2015 - 16.11.2016 (1 year) Total - 4 Years
iii)	Experience in similar capacity* in Highway Development Projects taken up under EPC 1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks	5	5	5	S.No. 9, 12 2 projects
3 Employment with the Firm (5 Marks)					
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0	
Total		100	92.5	92.5	
Weightage		16	14.8	14.8	

***Similar Capacity** includes the following positions

- On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/ IE)
- On behalf of Contractor: Project Manager (Construction/Construction Supervision)
- In Government Organizations: Superintending Engineer (or equivalent) and above

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel / bidder will be solely responsible for any fake information/ CV, which may result in debarment.

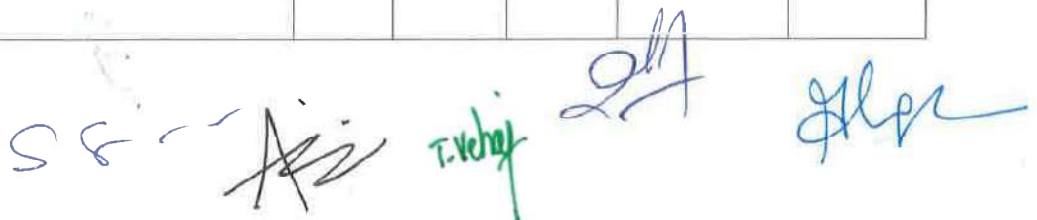
Annexure-A-4-2 Evaluation of Highway Maintenance cum Resident Engineer

Name: Mr. Ramanakumar (Pg 826) DOB: 26.08.1984 Age: 40 years (Approx.) All Pages signed by Candidate and Firm.						
S. No.	Description	Max. Marks	Self-Evaluation Pg. No.1212	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Anna University in 2011 (Pg 834)	
ii.	Post-Graduation in Highway Engineering - 04 marks	04	0	0		
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i.	Experience in Highway works (inspection/ design/ construction/ maintenance) <7 years - 0 7years - 22 marks Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30	30	S.No. 1 to 6	Since 05/2011 till now > 11 Years
ii.	Experience in similar capacity* in Highway Construction / Maintenance works of similar nature < 3 years - 0 3 years - 12 marks Add one marks extra for each additional completed year of experience subject to maximum 3 (three) marks.	15	15	15	S.No. 2,3,4,5	Since 23.02.2012 upto 10.01.2022 >6 years
iii.	Experience in similar capacity* in project involving Construction/Maintenance works of 4/6 laning/Expressways 1 project - 20 marks Add 2.5 marks extra for each project to maximum 5 (five) marks.	25	25	25	Sr. No.2,4 & 5	3 projects
3 Employment with the Firm (5 Marks)						
	< 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0	-	-

	Total	100	91	91	
	Weightage	10	9.1	9.1	
*Similar Capacity includes the following positions i. On behalf of Consultant: Highway Engineer/ Highway Maintenance Engineer/ Resident Engineer (Construction Supervision/IE) ii. On behalf of Contractor: Highway Engineer / Project Manager (Construction/Construction Supervision) iii. In Government Organizations: Executive Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

Annexure-A-4-3 Evaluation of Road Safety Expert

Name: Mr. Pravin Bende (Pg 846) DOB: 03.01.1978 Age: 47 years (Approx.) All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 1213	NHA/ Evaluation	Remarks	
					INFRACON	Experience
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Nagpur University in 1999 (Pg 865). 15 Days certification course in safety from Visvesvaraya National Institute of Technology, Bhopal 08-22 July 2023 (Pg 867)	
ii.	Post-Graduation in Traffic/Transportation/Safety Engineering - 04 marks	04	4	4	M.Tech (Transportation) from G.H. Raisoni University in 2023(Pg 863)	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:						
i)	Total Professional Experience <7years - 0 7years - 22 marks Add two mark extra for each additional year of experience subject to maximum 8 (eight) marks.	30	30	30	S.No.1 to 26	> 11 years Since 1999 to till date.
ii)	Experience in similar capacity in Road Safety Works of Major Highway Projects (4/6 laning Projects) < 3 years - 0 3 years - 17 marks Add one mark extra for each additional year of experience subject to maximum 3 (three) marks.	20	20	20	S.No 20-26	Since 01.08.2015 to till date >6 years
iii)	Experience in similar capacity in Road Safety Audit of 4/6 lane highway/Expressway projects. 1 no - 12 marks	15	15	15	S.No.22, 23, 25, 26	4 Projects



Annexure - 2

	Add 1 (one) mark extra for each additional project subject to maximum 3(three) marks.					
iv)	Experience in similar capacity in preparation of Road Safety Management Plan for Inter Urban Highways 1 project - 3 marks More than one project - 5 marks	5	5	5	S.No. 22, 23	2 Projects
3 Employment with the Firm (5 Marks)						
	Employment with the Firm < 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	5	5		> 5 years Since June 2005 to till Date.
	Total	100	100	100		
	Weightage	5	5	5		
*Similar Capacity includes the following positions i. On behalf of Consultant: Road Safety Expert (Construction Supervision / IE) ii. On behalf of Contractor: Road Safety Expert (Construction / Construction Supervision) iii. In Government Organizations: Executive Engineer (or equivalent) and above iv. In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment. **Note: Road Safety Expert to have completed at least 15 days certification on Road Safety Audit from IAHE/ IITs / NITs / CRRI. The CV of the proposed key personnel not having completed minimum 15 days certification course shall not be evaluated. For avoidance of doubt, it is clarified that herein that the certification training course may be either from a single institution or from multiple institutions.						

Annexure-A-4-4 Evaluation of Bridge/Structural Engineer

Name: Nikhil Rajendra Chaudhari (Pg 881)						
DOB: 05.01.1989 Age: 36 Years (approx.)						
All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 1214	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Nagpur University in 2015 (Pg 893).	
ii.	Post-Graduation in Structural Engineering - 04 marks,	04	0	0		
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Professional Experience <7 years - 0	30	26	26	S.No.1 to 9	Since June 2015 to till

	7 years - 22 marks Add two mark extra for each additional completed year subject to maximum 8(eight) marks.					date (9 years)
ii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation < 3 years - 0 3 years - 16 marks Add one marks extra for each additional completed year of experience subject to maximum 4 (four) marks.	20	20	19	S.No. 6 & 8	05.10.2017-30.11.2023 (6 years)
iii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation of 4/6 lane highway/expressway or similar project. 1 Project - 16 marks Add 1 (one) mark extra for each additional project subject to maximum 4 (four) mark.	20	20	20	S.No.4,5,6,7,8	5 Projects
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	5	5		Since 06/2015 to till date (9 years)
	Total	100	92	91		
	Weightage	4	3.68	3.64		
*Similar Capacity includes the following positions i. On behalf of Consultant: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer ii. On behalf of Contractor: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer iii. In Government Organizations: Executive Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.						

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Annexure-A-4-5 HTMS / TOLL Expert

Name: Mr. Jammalamadaka Venkata Ramana Prabhu (Pg 899)

DOB: 02.07.1963

Age: 61 years (Approx.)

All Pages signed by Candidate and Firm

S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 1215	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Electronics / Computer Science or Equivalent – 21 marks	21	21	21	B.E in Electronics & Communication Engineering from Andhra University in 1985 (Pg 910).
ii.	Post-Graduation - 04 marks.	04	0	0	
2. Adequacy for the project (70 Marks)					
Professional Experience				INFRACON	Experience
i)	Total Professional Experience as System Engineer <10 Years - 0 10 Years to less than 15 years - 25 marks 15 years or more - 35 marks	35	35	35	S.No. 1 to 18 Since 1995 to till date >15 years
ii)	Experience in establishing HTMS and Tolling System 1 Project - 20 marks 2 projects or more - 25 marks	25	25	25	S.No. 10, 11, 12 > 3 projects
iii)	Experience in International latest technology / System in the field of HTMS / Tolling of Highways Project in similar capacity - 10 marks.	10	10	10	S.No. 9, 10, 11 3 Projects
3 Employment with the Firm (5 Marks)					
	<1 year – 0. 1 year to less than 2 year - 3 marks. 2 year and above - 5 marks.	5	0	0	
	Total	100	91	91	
	Weightage	5	4.55	4.55	

***Similar Capacity** includes the following positions

- On behalf of Consultant/Contractor: HTMS / Toll Expert or equivalent.
- On behalf of Government: Executive Engineer (or equivalent) and above

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6months.

(3) In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/bidder will be solely responsible for any fake information/CV, which may result in debarment.

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Detailed Technical Evaluation

1	Name of Firm	M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd.
2	Bid No	812269
3	Infracon Unique Team ID	2025-2297-806_9492 (Pg 18)
4	Contact Address	Unit No. 514, 515 & 516, 5 th Floor, Suncity Success Tower, Golf Course Extension Road, Sector-65, Gurgaon-122018 (Haryana).
5	Email ID	info@msvgroup.com
6	Contact No	0124-2841160

Abstract of Evaluation				
S. No	Description	Max Marks	Self-Evaluation	NHAI Evaluation
1	Relevant experience for the assignment	35	35	35
2	Quality of approach and methodology	5	5	5
3	Experience in use of technology for road inspection	20	20	20
4	Qualifications and competence of the key staff for the assignment	40	40	37.40
	Total	100	100	97.40

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.979	NHAI evaluation	Reference	
					Pg. No.	Remark
1a	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) (Min 5 years) For 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	49	2001 > 23 years
1b	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business (Min 5 Crore) For >50 Crores – 2 marks For 20-50 Crores – 1.5 marks For 10-20 Crores – 1 mark For 5-10 Crores – 0.5 mark	2	2	2	78	Rs.186.71 Crore
1c	Numbers of key personnel with the firm more than one year with the firm. <4 personnel - 0 marks 4 to 12 - Linearly varying from 0.25 to 2 > 12 personnel - 2 marks.	2	2	2	657	163 Key Personnel

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.979	NHAI evaluation	Reference	
					Pg. No.	Remark
1d	Experience in DPR/Feasibility cum PPR preparation for two projects of 4/6 laning of 30% of project length (38.420 Km) each or one project of 4/6 laning of 50% of project length (64.033 Km) in last 7 years 2 project 4/6 laning of 30% of project length each - 4 marks or 1 project of 4/6 laning of 50% of project length - 4 marks Add 0.25 (Zero point two five) marks extra for each additional project subject to maximum 1 marks.	5	5	5	393	79 Km - 6L
					387	50 Km -4L, 87 Km 2 L
					404	136.101 Km – 4L
					413	115.33 Km – 4L
					422	139.785 Km – 6L
1e	In hand DPR for NHAI Projects For DPR project length > the length of project (128.065 Km) for which RFP invited - 5 Marks For DPR project length > two times the length of project (256.13 Km) for which RFP invited - 7.5 Marks For project length > three times the length of project (384.195 Km) for which RFP invited - 10 Marks **Project length' refers to 'Single Project/Package length' & not cumulative of all DPR Lengths	10	10	10	480	288 Km – 6/8L
1f	Experience as Independent Engineer /Authority Engineer/ Supervision Consultant two construction projects of four/six laning** of 30% of project length (38.420 Km) each or one project of four/six laning ** of 50% project length (64.033 Km) in last 7 years. 2 construction projects 4/6 laning of 30% of project length each – 4 marks Or 1 construction project of 4/6 laning of 50% of project length – 4 marks Add 1(one) mark extra for completed assignment of Independent Engineer /Supervision Consultancy subject to maximum 2 (two) mark.	6	6	6	216	123.454 Km – 4L Infracon S. No. 75
					307	72.15 Km – 4L Infracon S. No. 91
					313	136.87 Km – 4L Infracon S. No. 80
1g	Experience as Independent Engineer /	8	8	8	574	66.725 Km – 4L Infracon Sr no. 69

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.979	NHAI evaluation	Reference	
					Pg. No.	Remark
	Supervision Consultants one O&M project under DBFOT/OMT /O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years 1 project - 6 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.				580	76 Km – 4L Infracon Sr no. 108
					583	64.94 Km – 4/6 L
					588	83.655 Km – 4L
					595	70 Km – 4L
					620	138.51 Km – 4L Infracon Sr no. 79
Total (1)		35	35	35		

Anneuxre-A-2 Adequacy of the Proposed Approach and Methodology (Total Marks = 5) (RFP Pg. No. 57)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.980	NHAI evaluation	Reference	
					Pg. No.	Remark
2a	Site Appreciation (i) Average 0.50 (ii) Good 0.75 (iii) Very Good 1.00	1	1	1	666 - 669	
2b	Quality of Approach and Methodology (Review of scope of work and design review, construction supervision methodology, contract management approach, safety review/audit and O&M stage, initial view on project plan including key challenges envisaged and potential solutions to be judged). (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	671 - 674	
2c	Quality Audit Methodology and Quality Assurance Plan (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	675 - 679	
Total (2)		5	5	5		

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S.No	Description	Max Marks	Self-evaluation Pg.No. 981	NHAI evaluation	Reference	
					Pg. No.	Remark
3a	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection • Own an equipment / MOU with Associate – 3 marks • 1-2 projects – 4 (3+1) marks • 3-5 projects – 5 (3+2) marks • >5 projects – 6 (3+3) marks	6	6	6	683	Owned
					741	Certificate of PD, PIU-Ambala dated 24.04.2018.
					744	Certificate of EE (R&B), NH Division, Kalwakurthy dated 06.09.2018.
					749	Certificate of PD, PIU-Palakkad dated 19.07.2019.
					752	Certificate of PD, PIU-Bengaluru dated 14.08.2019.
					755	Certificate of PD, PIU-Begusarai dated 20.03.2018.
					760	Certificate of PD, PIU-Amravati dated 10.12.2019.
3b	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement • Own an equipment/ MOU with Associate – 2 marks • 1-3 projects - 2.5 (2+0.5) marks • >3 projects - 3 (2+1) marks	3	3	3	696	Owned
					738	Certificate of EE, PWD NH Dn.I, Jaipur dated 27.04.2018.
					744	Certificate of EE (R&B), NH Division, Kalwakurthy dated 06.09.2018.
					747	Certificate of PD, PIU-Hassan dated 06.04.2018.
3c	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection • Own an equipment/MOU with Associate – 2 marks • 1-3 projects – 3 (2+1) marks • >3 projects – 4 (2+2) marks	4	4	4	706	Owned
					741	Certificate of PD, PIU-Ambala dated 24.04.2018.
					744	Certificate of EE (R&B), NH Division, Kalwakurthy dated 06.09.2018.
					749	Certificate of PD, PIU-Palakkad dated 19.07.2019.
					752	Certificate of PD, PIU-Bengaluru dated

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S.No	Description	Max Marks	Self-evaluation Pg.No. 981	NHAI evaluation	Reference	
					Pg. No.	Remark
3d	Experience in Retro-Reflectometer technology - Own an equipment/MOU with Associate – 2 marks 1-3 projects – 3 (2+1) marks >3 projects – 4 (2+2) marks	4	4	4	718	Owned
					741	Certificate of PD, PIU-Ambala dated 24.04.2018.
					744	Certificate of EE (R&B), NH Division, Kalwakurthy dated 06.09.2018.
					747	Certificate of PD, PIU-Hassan dated 06.04.2018.
					749	Certificate of PD, PIU-Palakkad dated 19.07.2019.
3e	Experience in ATCC - Own an equipment/ MOU with Associate – 1 mark 1-3 projects – 2 (1+1) marks >3 projects – 3 (1+2) marks	3	3	3	725	Owned
					738	Certificate of EE, PWD NH Dn.I, Jaipur dated 27.04.2018.
					741	Certificate of PD, PIU-Ambala dated 24.04.2018.
					744	Certificate of EE (R&B), NH Division, Kalwakurthy dated 06.09.2018.
					749	Certificate of PD, PIU-Palakkad dated 19.07.2019.
Total (3)		20	20	20		

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Annexure-A-4 Qualification & Competence of Key Personnel (Total Marks = 40)

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience **uploaded on Infracon Portal** will be taken into consideration. However, the key personnel/ bidder will be **solely responsible** for any fake information/ CV, which may result in **debarment**.

Note applicable to all key personnel:

1.If a key personnel has worked in **next lower category** to the similar capacity, the marks allotted to key personnel in the category 'experience in similar capacity' shall be reduced to **2/3rd of marks** in this category. This shall be applicable for evaluation of all key personnel.

2. Similar projects means 2/4/6 lane as applicable for the project for which RFP is invited. For **2-lane** projects experience of 4/6 lane also to be considered with a multiplication factor of **1.5**. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. For **4/6 laning** projects, experience of 2 lane will be considered with a multiplication factor of **0.4**.

S. No.	Key Position	Name of person Proposed	PAN Number	Max Marks	Self-Evaluation	NHAI Evaluation
4a	Team Leader cum Highway Engineer	Madhusudhanan J R	AEXPJ8886J	16	16	14.56
4b	Highway Maintenance cum Resident Engineer	Rajkumar S	AHYPR0627D	10	10	9.6
4c	Road Safety Expert	Sourabh Kumar Singh	DPOPS6217H	5	5	4.75
4d	Bridge/Structural Engineer	Gunasekaran P	AUMPN6160A	4	4	3.94
4e	HTMS/Toll Expert	Mirza Tahir Beg	AQGPB3568G	5	5	4.55
Total (4)				40	40	37.40

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Anneuxre-A-4-1 Evaluation of Team Leader cum Highway Engineer

Name: Madhusudhanan J R (Pg 818) DOB: 25.02.1968 Age: 56 years (Approx.) All Pages signed by Candidate and Firm.						
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 982	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from University of Madras in 1989 (Pg 833).	
ii.	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/ Structural Engineering/ any other specialized Stream of civil engineering - 04 marks	04	04	0		
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Highway Professional Experience < 10 years - 0 10 years - 22 marks Add two marks extra for each additional completed year of experience subject to Maximum 8 (eight) marks.	30	30	30	S.No.1 to 21	Since 1989 to till date. > 14 years
ii)	Experience as Team leader/Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections. < 3 years - 0 3 years - 30 marks Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	35	35	S.No.21	01.10.2017-31.01.2023 - > 5 years
iii)	Experience in similar capacity* in Highway Development Projects taken up under EPC 1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks	5	5	5	S.No. 10, 12, 17	>2 projects
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	5	0		
Total		100	100	91		
Weightage		16	16	14.56		
*Similar Capacity includes the following positions i. On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/ IE) ii. On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii. In Government Organizations: Superintending Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracore Portal will be taken into						

consideration. However, the key personnel / bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-2 Evaluation of Highway Maintenance cum Resident Engineer

Name: Rajkumar S (Pg 843) DOB: 16.05.1976 Age: 48 years (Approx.) All Pages signed by Candidate and Firm.					
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 984	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.Tech in Civil Engineering from Manonmaniam Sundaranar University in 2000 (Pg 857)
ii.	Post-Graduation in Highway Engineering - 04 marks	04	04	0	
2. Adequacy for the project (70 Marks)					
Professional Experience in Highway Projects:					INFRACON Experience
i.	Experience in Highway works (inspection/ design/ construction/ maintenance) <7 years - 0 7years - 22 marks Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30	30	S.No. 1 to 12 Since 08.2000 till now > 11 Years
ii.	Experience in similar capacity* in Highway Construction / Maintenance works of similar nature < 3 years - 0 3 years - 12 marks Add one marks extra for each additional completed year of experience subject to maximum 3 (three) marks.	15	15	15	S.No. 11,12 Since 01.08.2016 till now >6 years
iii.	Experience in similar capacity* in project involving Construction/Maintenance works of 4/6 laning/Expressways 1 project - 20 marks Add 2.5 marks extra for each project to maximum 5 (five) marks.	25	25	25	S.No 11,12, S.No. 9 & 11 (Next lower category) >3 projects
3 Employment with the Firm (5 Marks)					
	< 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	5	5	Since 01.08.2016 to till date
Total		100	100	96	
Weightage		10	10	9.6	
*Similar Capacity includes the following positions i. On behalf of Consultant: Highway Engineer/ Highway Maintenance Engineer/ Resident Engineer (Construction Supervision/IE) ii. On behalf of Contractor: Highway Engineer / Project Manager (Construction/Construction Supervision)					

iii. In Government Organizations: Executive Engineer (or equivalent) and above

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-3 Evaluation of Road Safety Expert

Name: Sourabh Kumar Singh (Pg 870) DOB: 26.01.1989 Age: 35 years (Approx.) All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 986	NHAI Evaluation	Remarks	
					INFRACON	Experience
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Gautam Buddh Technical University, Lucknow, UP in 2011 (Pg 886). 15 Days certification course in safety from Malaviya National Institute of Technology Jaipur 16-30 Nov 2022 (Pg 893)	
ii.	Post-Graduation in Traffic/Transportation/Safety Engineering - 04 marks	04	04	4	ME in Transportation Engineering from Guru Jambheshwar University of Science and Technology in 2015 (Pg 881)	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:						
i)	Total Professional Experience <7years - 0 7years - 22 marks Add two mark extra for each additional year of experience subject to maximum 8 (eight) marks.	30	30	30	S. No. 1 to 5	Since 08/2011 to 30.03.2024 > 11 years
ii)	Experience in similar capacity in Road Safety Works of Major Highway Projects (4/6 laning Projects) < 3 years - 0 3 years - 17 marks Add one mark extra for each additional year of experience subject to maximum 3 (three) marks.	20	20	20	S. No. 1 to 4	Since 08/2011 to 08/2013, 07/2015 to 03/2024 > 6 years
iii)	Experience in similar capacity in Road Safety Audit of 4/6 lane highway/Expressway projects. 1 no - 12 marks Add 1 (one) mark extra for each additional project subject to maximum 3(three) marks.	15	15	15	S.No. 1 to 4	4 Projects







Annexure - 3

iv)	Experience in similar capacity in preparation of Road Safety Management Plan for Inter Urban Highways 1 project - 3marks More than one project - 5 marks	5	5	5	S.No. 1 to 4	4 Projects
3 Employment with the Firm (5 Marks)						
	Employment with the Firm < 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	5	0		
	Total	100	100	95		
	Weightage	5	5	4.75		
*Similar Capacity includes the following positions i. On behalf of Consultant: Road Safety Expert (Construction Supervision / IE) ii. On behalf of Contractor: Road Safety Expert (Construction / Construction Supervision) iii. In Government Organizations: Executive Engineer (or equivalent) and above iv. In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment. **Note: Road Safety Expert to have completed at least 15 days certification on Road Safety Audit from IAHE/ IITs / NITs / CRRI. The CV of the proposed key personnel not having completed minimum 15 days certification course shall not be evaluated. For avoidance of doubt, it is clarified that herein that the certification training course may be either from a single institution or from multiple institutions.						

Annexure-A-4-4 Evaluation of Bridge/Structural Engineer

Name: Gunasekaran P (Pg 899) DOB: 05.06.1981 Age: 43 Years (approx.) All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 987	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.Tech in Civil Engineering from Sastra Deemed University in 2005 (Pg 927).	
ii.	Post-Graduation in Structural Engineering - 04 marks.	04	04	4	ME in Structural Engineering from Anna university in 2009 (Pg 926)	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Professional Experience <7 years - 0 7 years - 22 marks	30	30	30	S.No.1 to 13	Since 07.2008 till date. > 11 years

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	Add two mark extra for each additional completed year subject to maximum 8(eight) marks.					
ii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation < 3 years - 0 3 years - 16 marks Add one marks extra for each additional completed year of experience subject to maximum 4 (four) marks.	20	20	20	S.No. 7, 8, 11, 12	Since 09.02.2014 till now >7 years
iii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation of 4/6 lane highway/expressway or similar project. 1 Project - 16 marks Add 1 (one) mark extra for each additional project subject to maximum 4 (four) mark.	20	20	20	S.No. 7, 8, 10, 11, 12	5 Projects
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	5	3.5		Since 02.01.2023 to till date. 2 years
	Total	100	100	98.5		
	Weightage	4	4	3.94		
Similar Capacity includes the following positions i. On behalf of Consultant: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer ii. On behalf of Contractor: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer iii. In Government Organizations: Executive Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.						

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Annexure-A-4-5 HTMS / TOLL Expert

Name: Mirza Tahir Beg (Pg 952)

DOB: 07.07.1980

Age: 44 years (Approx.)

All Pages signed by Candidate and Firm

S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 991	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Electronics / Computer Science or Equivalent – 21 marks	21	21	21	B.E in Electronics and Telecommunication Engineering from Uttar Pradesh Technical University Lucknow in 2007 (Pg 961).
ii.	Post-Graduation - 04 marks.	04	04	0	
2. Adequacy for the project (70 Marks)					
Professional Experience					INFRACON Experience
i)	Total Professional Experience as System Engineer <10 Years - 0 10 Years to less than 15 years - 25 marks 15 years or more - 35 marks	35	35	35	S.No. 1 to 5 Since 01.01.2007 (>15 years)
ii)	Experience in establishing HTMS and Tolling System 1 Project - 20 marks 2 projects or more - 25 marks	25	25	25	S. No. 3 to 5
iii)	Experience in International latest technology / System in the field of HTMS / Tolling of Highways Project in similar capacity - 10 marks.	10	10	10	S. No. 3 to 5
3 Employment with the Firm (5 Marks)					
	<1 year – 0. 1 year to less than 2 year - 3 marks. 2 year and above - 5 marks.	5	5	0	
	Total	100	100	91	
	Weightage	5	5	4.55	

***Similar Capacity** includes the following positions

- On behalf of Consultant/Contractor: HTMS / Toll Expert or equivalent.
- On behalf of Government: Executive Engineer (or equivalent) and above

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6months.

(3) In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/bidder will be solely responsible for any fake information/CV, which may result in debarment.

Detailed Technical Evaluation

1	Name of Firm	M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd
2	Bid No	812410
3	Infracon Unique Team ID	2025-2297-382_5069 (Pg 364)
4	Contact Address	'Artefact Towers', Plot No. 54/3, Chhatrapati Square, Wardha Road, Nagpur – 440015, Maharashtra, India.
5	Email ID	brdho@artefactprojects.com
6	Contact No	Tel: 91-712-7197100. Fax : 91-712-7197120

Abstract of Evaluation				
S. No	Description	Max Marks	Self-Evaluation	NHAI Evaluation
1	Relevant experience for the assignment	35	34.5	31.5
2	Quality of approach and methodology	5	5	5
3	Experience in use of technology for road inspection	20	20	20
4	Qualifications and competence of the key staff for the assignment	40	37.02	37.25
	Total	100	96.52	93.75

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.471	NHAI evaluation	Reference	
					Pg. No.	Remark
1a	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) (Min 5 years) For 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	29	1987 > 37 years
1b	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business (Min 5 Crore) For >50 Crores – 2 marks For 20-50 Crores – 1.5 marks For 10-20 Crores – 1 mark For 5-10 Crores – 0.5 mark	2	1.5	1.5	57	Rs.42 Crore
1c	Numbers of key personnel with the firm more than one year with the firm. <4 personnel - 0 marks 4 to 12 - Linearly varying from 0.25 to 2 > 12 personnel - 2 marks.	2	2	2	359	42 Key Personnel

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.471	NHAI evaluation	Reference	
					Pg. No.	Remark
1d	Experience in DPR/Feasibility cum PPR preparation for two projects of 4/6 laning of 30% of project length (38.420 Km) each or one project of 4/6 laning of 50% of project length (64.033 Km) in last 7 years 2 project 4/6 laning of 30% of project length each - 4 marks or 1 project of 4/6 laning of 50% of project length - 4 marks Add 0.25 (Zero point two five) marks extra for each additional project subject to maximum 1 marks.	5	5	4.5	140	71.60 Km - 4L Infracon Sr. No 38
					157	52.719 Km - 4L
					162	74.315 Km - 4L
1e	In hand DPR for NHAI Projects For DPR project length > the length of project (128.065 Km) for which RFP invited - 5 Marks For DPR project length > two times the length of project (256.13 Km) for which RFP invited - 7.5 Marks For project length > three times the length of project (384.195 Km) for which RFP invited - 10 Marks **Project length' refers to 'Single Project/Package length' & not cumulative of all DPR Lengths	10	10	7.5	195	342 Km - 4L
1f	Experience as Independent Engineer /Authority Engineer/ Supervision Consultant two construction projects of four/six laning** of 30% of project length (38.420 Km) each or one project of four/six laning ** of 50% project length (64.033 Km) in last 7 years. 2 construction projects 4/6 laning of 30% of project length each - 4 marks Or 1 construction project of 4/6 laning of 50% of project length - 4 marks Add 1(one) mark extra for completed assignment of Independent Engineer /Supervision Consultancy subject to maximum 2 (two) mark.	6	6	6	92	79.99 Km - 4L
					96	82.95 Km - 4L Infracon Sr. No 24
					100	77.200 Km - 4L Infracon Sr. No 29

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.471	NHAI evaluation	Reference	
					Pg. No.	Remark
1g	Experience as Independent Engineer / Supervision Consultants one O&M project under DBFOT/OMT /O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years 1 project - 6 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.	8	8	8	219	261.300 Km – 4L
					223	252 Km – 4L
					295	77.20 Km – 4L
					228	123.45 Km – 4L
					232	138.15 Km – 4L
Total (1)		35	34.5	31.5		

Annexure-A-2 Adequacy of the Proposed Approach and Methodology (Total Marks = 5) (RFP Pg. No. 57)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.473	NHAI evaluation	Reference	
					Pg. No.	Remark
2a	Site Appreciation (i) Average 0.50 (ii) Good 0.75 (iii) Very Good 1.00	1	1	1	366-369	
2b	Quality of Approach and Methodology (Review of scope of work and design review, construction supervision methodology, contract management approach, safety review/audit and O&M stage, initial view on project plan including key challenges envisaged and potential solutions to be judged). (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	371-374	
2c	Quality Audit Methodology and Quality Assurance Plan (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	375-379	
Total (2)		5	5	5		

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Anneuxre-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S.No	Description	Max Marks	Self-evaluation Pg.No. 474	NHAI evaluation	Reference	
					Pg. No.	Remark
3a	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection • Own an equipment / MOU with Associate – 3 marks • 1-2 projects – 4 (3+1) marks • 3-5 projects – 5 (3+2) marks • >5 projects – 6 (3+3) marks	6	6	6	384	Owned
					422	Certificate of PD, PIU, Rudrapur dated 04.01.2022.
					424	Certificate of PD, PIU, Somnath dated 10.12.2020.
					428	Certificate of PD, PIU, Bhavnagar dated 10.07.2021.
					430	Certificate of PD, PIU, Nanded dated 16.06.2021.
					432	Certificate of PD, PIU, Lucknow dated 06.09.2021.
					442	Certificate of Executive Engineer NH Div PWD, Lakhimpur Khiri dated 26.05.2022.
3b	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement • Own an equipment/ MOU with Associate – 2 marks • 1-3 projects - 2.5 (2+0.5) marks • >3 projects - 3 (2+1) marks	3	3	3	410	Owned
					424	Certificate of PD, PIU, Somnath dated 10.12.2020.
					432	Certificate of PD, PIU, Lucknow dated 06.09.2021.
					442	Certificate of Executive Engineer NH Div PWD, Lakhimpur Khiri dated 26.05.2022.
					445	Certificate of Executive Engineer NH Div PWD, Gwalior dated 03.04.2021.
3c	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection • Own an equipment/MOU with Associate – 2 marks • 1-3 projects – 3 (2+1) marks • >3 projects – 4 (2+2) marks	4	4	4	417	Owned
					424	Certificate of PD, PIU, Somnath dated 10.12.2020.
					445	Certificate of Executive Engineer NH Div PWD, Gwalior dated 03.04.2021.
					451	Certificate of PD, PIU, Amritsar dated 25.08.2022.
					452,	Certificate of PD, PIU,

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S.No	Description	Max Marks	Self-evaluation Pg.No. 474	NHAI evaluation	Reference	
					Pg. No.	Remark
					453	Amritsar dated 25.08.2022.
3d	Experience in Retro-Reflectometer technology - Own an equipment/MOU with Associate – 2 marks 1-3 projects – 3 (2+1) marks >3 projects – 4 (2+2) marks	4	4	4	413	Owned
					424	Certificate of PD, PIU, Somnath dated 10.12.2020.
					442	Certificate of Executive Engineer NH Div PWD, Lakhimpur Khiri dated 26.05.2022.
					445	Certificate of Executive Engineer NH Div PWD, Gwalior dated 03.04.2021.
					451, 453	Certificate of PD, PIU, Amritsar dated 25.08.2022.
3e	Experience in ATCC - Own an equipment/ MOU with Associate – 1 mark 1-3 projects – 2 (1+1) marks >3 projects – 3 (1+2) marks	3	3	3	415	Owned
					434	Certificate of PD, PIU, Prayagraj dated 11.12.2020.
					436	Certificate of PD, PIU, Nashik dated 17.07.2021.
					438	Certificate of PD, PIU, Palanpur dated 07.04.2021.
					440	Certificate of PD, PIU, Madurai dated 10.07.2021
Total (3)		20	20	20		

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Anneuxre-A-4 Qualification & Competence of Key Personnel (Total Marks = 40)

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience **uploaded on Infracon Portal** will be taken into consideration. However, the key personnel/ bidder will be **solely responsible** for any fake information/ CV, which may result in **debarment**.

Note applicable to all key personnel:

1.If a key personnel has worked in **next lower category** to the similar capacity, the marks allotted to key personnel in the category 'experience in similar capacity' shall be reduced to **2/3rd of marks** in this category. This shall be applicable for evaluation of all key personnel.

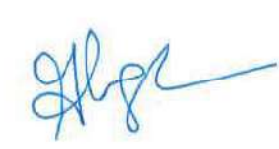
2. Similar projects means 2/4/6 lane as applicable for the project for which RFP is invited. For **2-lane** projects experience of 4/6 lane also to be considered with a multiplication factor of **1.5**. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. For **4/6 laning** projects, experience of 2 lane will be considered with a multiplication factor of **0.4**.

S. No.	Key Position	Name of person Proposed	PAN Number	Max Marks	Self-Evaluation	NHAI Evaluation
4a	Team Leader cum Highway Engineer	Shailendra Kumar Dubey	APJPD2056B	16	15.20	15.20
4b	Highway Maintenance cum Resident Engineer	Ramesh A	ADXPR9040H	10	9.10	9.10
4c	Road Safety Expert	Lillesh Gautam	BTKPG4608Q	5	4.45	4.65
4d	Bridge/Structural Engineer	Saurabh Kumar Tiwari	ATCPT9654N	4	3.72	3.75
4e	HTMS/Toll Expert	Rahul Jain	AJVPJ7060P	5	4.55	4.55
Total (4)				40	37.02	37.25

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Annexure-A-4-1 Evaluation of Team Leader cum Highway Engineer

Name: Mr. Shailendra Kumar Dubey (Pg 570) DOB: 15.03.1969 Age: 55 years (Approx.) All Pages signed by Candidate and Firm.					
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 569	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Jiwaji University in 1988 (Pg 597).
ii.	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/ Structural Engineering/ any other specialized Stream of civil engineering - 04 marks	04	4	4	M.Tech in Highway Transportation Engineering from CMJ University in 2011 (Pg 598)
2. Adequacy for the project (70 Marks)					
Professional Experience in Highway Projects:					INFRACON Experience
i)	Total Highway Professional Experience < 10 years - 0 10 years - 22 marks Add two marks extra for each additional completed year of experience subject to Maximum 8 (eight) marks.	30	30	30	S.No. 1 to 32 Since May 1988 to till date > 35 Years
ii)	Experience as Team leader/Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections. < 3 years - 0 3 years - 30 marks Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	35	35	S.No.29, 31, 32 From 06/2017 till now >5 years
iii)	Experience in similar capacity* in Highway Development Projects taken up under EPC 1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks	5	5	5	S.No. 12, 18, 29 3 projects
3 Employment with the Firm (5 Marks)					
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0	
Total		100	95	95	
Weightage		16	15.20	15.20	
*Similar Capacity includes the following positions i. On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/ IE) ii. On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii. In Government Organizations: Superintending Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into					

consideration. However, the key personnel / bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-2 Evaluation of Highway Maintenance cum Resident Engineer

Name: Mr. Ramesh A (Pg 643) DOB: 17.04.1972 Age: 52 years (Approx.) All Pages signed by Candidate and Firm.						
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 643	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.Tech in Civil Engineering from Madurai Kamaraj University in 1997 (Pg 658)	
ii.	Post-Graduation in Highway Engineering - 04 marks	04	0	0		
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i.	Experience in Highway works (inspection/ design/ construction/ maintenance) <7 years - 0 7years - 22 marks Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30	30	S. No. 1 to 10	Since July, 1997 to till date > 27 Years
ii.	Experience in similar capacity* in Highway Construction / Maintenance works of similar nature < 3 years - 0 3 years - 12 marks Add one marks extra for each additional completed year of experience subject to maximum 3 (three) marks.	15	15	15	S. No. 8, 9, 10	Since 21.02.2011 till date > 14 years
iii.	Experience in similar capacity* in project involving Construction/Maintenance works of 4/6 laning/Expressways 1 project - 20 marks Add 2.5 marks extra for each project to maximum 5 (five) marks.	25	25	25	S. No. 8, 9, 10	3 projects
3 Employment with the Firm (5 Marks)						
	< 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0		
Total		100	91	91		
Weightage		10	9.10	9.10		
*Similar Capacity includes the following positions i. On behalf of Consultant: Highway Engineer/ Highway Maintenance Engineer/ Resident Engineer (Construction Supervision/IE) ii. On behalf of Contractor: Highway Engineer / Project Manager (Construction/Construction Supervision)						

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iii. In Government Organizations: Executive Engineer (or equivalent) and above

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-3 Evaluation of Road Safety Expert

Name: Mr. Lilesh Gautam (Pg 734) DOB: 09.11.1992 Age: 32 years (Approx.) All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 733	NHAI Evaluation	Remarks	
					INFRACON	Experience
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Rajasthan Technical University in 2014 (Pg 749). 15 Days certification course in safety from Malaviya National Institute of Technology Jaipur 28.05.2022-11.06.2022 (Pg 751)	
ii.	Post-Graduation in Traffic/Transportation/Safety Engineering - 04 marks	04	0	4	M.Tech in Transportation Engineering from Malviya National Institute of Technology Jaipur in 2018.	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Professional Experience <7years - 0 7years - 22 marks Add two mark extra for each additional year of experience subject to maximum 8 (eight) marks.	30	28	28	S.No.1 to 11	10 years Since July, 2014 to Till Date
ii)	Experience in similar capacity in Road Safety Works of Major Highway Projects (4/6 laning Projects) < 3 years - 0 3 years - 17 marks Add one mark extra for each additional year of experience subject to maximum 3 (three) marks.	20	20	20	S. No. 2, 3, 4, 5 & 6	Since 07/2014 to 05/2022
iii)	Experience in similar capacity in Road Safety Audit of 4/6 lane Highway/Expressway projects. 1 no - 12 marks Add 1 (one) mark extra for each additional project subject to maximum 3(three) marks.	15	15	15	S. No. 2, 3, 4, 5 & 6	5 Projects

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iv)	Experience in similar capacity in preparation of Road Safety Management Plan for Inter Urban Highways 1 project – 3 marks More than one project - 5 marks	5	5	5	S.No. 3,4, 5, 6	4 Projects
3 Employment with the Firm (5 Marks)						
	Employment with the Firm < 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0		
	Total	100	89	93		
	Weightage	5	4.45	4.65		
*Similar Capacity includes the following positions i. On behalf of Consultant: Road Safety Expert (Construction Supervision / IE) ii. On behalf of Contractor: Road Safety Expert (Construction / Construction Supervision) iii. In Government Organizations: Executive Engineer (or equivalent) and above iv. In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment. **Note: Road Safety Expert to have completed at least 15 days certification on Road Safety Audit from IAHE/ IITs / NITs / CRRI. The CV of the proposed key personnel not having completed minimum 15 days certification course shall not be evaluated. For avoidance of doubt, it is clarified that herein that the certification training course may be either from a single institution or from multiple institutions.						

Annexure-A-4-4 Evaluation of Bridge/Structural Engineer

Name: Mr. Saurabh Kumar Tiwari (Pg 695)						
DOB: 04.05.1992 Age: 32 Years (approx.)						
All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 694	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Uttar Pradesh Technical University, Lucknow in 2013 (Pg 707).	
ii.	Post-Graduation in Structural Engineering - 04 marks.	04	4	4	M.Tech - Structural Engineering from Maharshi Dayanand University, Rohtak in 2024 (Pg 712)	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Professional Experience	30	28	30	S.No.1 to 7	>11 years Since June

	<7 years - 0 7 years - 22 marks Add two mark extra for each additional completed year subject to maximum 8(eight) marks.					2013 to Till Date
ii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation < 3 years - 0 3 years - 16 marks Add one marks extra for each additional completed year of experience subject to maximum 4 (four) marks.	20	20	18.67	S. No. 1 - 4 S. No. 7 S. No. 5 (2/3 of marks)	Since 10.6.2013 to 22.08.2017 (4 years) 8.11.2023 to till date (1 year) 23.08.2017-04.10.2018 (1 year)
iii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation of 4/6 lane highway/expressway or similar project. 1 Project - 16 marks Add 1 (one) mark extra for each additional project subject to maximum 4 (four) mark.	20	20	20	S.No. 1, 2, 3, 4 & 7	5 Projects
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0		
	Total	100	93	93.67		
	Weightage	4	3.72	3.75		
*Similar Capacity includes the following positions i. On behalf of Consultant: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer ii. On behalf of Contractor: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer iii. In Government Organizations: Executive Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.						

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Annexure-A-4-5 HTMS / TOLL Expert

Name: Mr. Rahul Jain (Pg 760)					
DOB: 12.05.1984		Age: 40 years (Approx.)			
All Pages signed by Candidate and Firm					
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 470	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Electronics / Computer Science or Equivalent – 21 marks	21	21	21	B.E in Rajasthan University in 2005 (Pg 786).
ii.	Post-Graduation - 04 marks.	04	0	0	
2. Adequacy for the project (70 Marks)					
Professional Experience					INFRACON Experience
i)	Total Professional Experience as System Engineer <10 Years - 0 10 Years to less than 15 years - 25 marks 15 years or more - 35 marks	35	35	35	S.No. 1 to 22 Since 04/2007 to till date > 17 Years
ii)	Experience in establishing HTMS and Tolling System 1 Project - 20 marks 2 projects or more - 25 marks	25	25	25	S.No.7,8,14,15,16,17 > 2 projects
iii)	Experience in International latest technology / System in the field of HTMS / Tolling of Highways Project in similar capacity - 10 marks.	10	10	10	S.No.17
3 Employment with the Firm (5 Marks)					
	<1 year – 0. 1 year to less than 2 year - 3 marks. 2 year and above - 5 marks.	5	0	0	
Total		100	91	91	
Weightage		5	4.55	4.55	
*Similar Capacity includes the following positions i. On behalf of Consultant/Contractor: HTMS / Toll Expert or equivalent. ii. On behalf of Government: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6months, (3) In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/bidder will be solely responsible for any fake information/CV, which may result in debarment.					

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Detailed Technical Evaluation

1	Name of Firm	M/s L.N.Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant
2	Bid No	812523
3	Infracon Unique Team ID	2025-2297-16497-6023 (Pg 16)
4	Contact Address	T-10, 3 rd Floor, City Centre, Press Complex, Zone-I, MP Nagar, Bhopal, Madhya Pradesh – 462 011.
5	Email ID	lnmalviya@rediffmail.com; infraprojectbhopal@gmail.com
6	Contact No	0755-4295421, 9977828711

Abstract of Evaluation				
S. No	Description	Max Marks	Self-Evaluation	NHAI Evaluation
1	Relevant experience for the assignment	35	35	35
2	Quality of approach and methodology	5	5	4.5
3	Experience in use of technology for road inspection	20	20	20
4	Qualifications and competence of the key staff for the assignment	40	37.5	37.1
	Total	100	97.50	96.60

Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.703	NHAI evaluation	Reference	
					Pg. No.	Remark
1a	Year of Establishment of the Firm (In case of JV year of establishment of Lead Member shall be considered) (Min 5 years) For 5 years - 1.5 marks More than 5 years - 2 marks	2	2	2	29	2005 > 20 years
1b	Average Annual Turnover (last 5 years or in each of the preceding two years) from consultancy business (Min 5 Crore) For >50 Crores – 2 marks For 20-50 Crores – 1.5 marks For 10-20 Crores – 1 mark For 5-10 Crores – 0.5 mark	2	2	2	54	Rs.276.10 Crore
1c	Numbers of key personnel with the firm more than one year with the firm. <4 personnel - 0 marks 4 to 12 - Linearly varying from 0.25 to 2 > 12 personnel - 2 marks.	2	2	2	746	157 Key Personnel

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.703	NHAI evaluation	Reference	
					Pg. No.	Remark
1d	Experience in DPR/Feasibility cum PPR preparation for two projects of 4/6 laning of 30% of project length (38.420 Km) each or one project of 4/6 laning of 50% of project length (64.033 Km) in last 7 years 2 project 4/6 laning of 30% of project length each - 4 marks or 1 project of 4/6 laning of 50% of project length - 4 marks Add 0.25 (Zero point two five) marks extra for each additional project subject to maximum 1 marks.	5	5	5	189	S.No.68 - 504 Km - 6L (85% of 593.94 Km JV)
					194	S.No.55 - 309.08 Km - 4L/6L
					197	S.No.54 - 1156.07 Km - 4L/6L
					216	S.No.41 - 170.8 Km Km - 0.4* 427.01 Km 2L
					219	S.No.41 - 197.6 Km Km - 4L (0.4* 494.03 Km - 2L)
1e	In hand DPR for NHAI Projects For DPR project length > the length of project (128.065 Km) for which RFP invited - 5 Marks For DPR project length > two times the length of project (256.13 Km) for which RFP invited - 7.5 Marks For project length > three times the length of project (384.195 Km) for which RFP invited - 10 Marks **Project length' refers to 'Single Project/Package length' & not cumulative of all DPR Lengths	10	10	10	303	Sr. No. 72 - 420 Km - 4L (70% JV - 600 Km)
1f	Experience as Independent Engineer /Authority Engineer/ Supervision Consultant two construction projects of four/six laning** of 30% of project length (38.420 Km) each or one project of four/six laning ** of 50% project length (64.033 Km) in last 7 years. 2 construction projects 4/6 laning of 30% of project length each - 4 marks Or 1 construction project of 4/6 laning of 50% of project length - 4 marks Add 1(one) mark extra for completed assignment of Independent Engineer /Supervision Consultancy subject to maximum 2 (two) mark.	6	6	6	102	S.No.7 - 50 Km - 4L (96% JV of 52.13 km)
					109	S.No.37 - 83.32 Km - 6 L
					143	S.No.69 - 70.79 Km - 4L (75% of 103.9 - JV)

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Annexure A1 Relevant Experience of Firm for the Assignment (Total Marks = 35) (RFP Pg. No. 56)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.703	NHAI evaluation	Reference	
					Pg. No.	Remark
1g	Experience as Independent Engineer / Supervision Consultants one O&M project under DBFOT/OMT /O&M of four/six laning** of 50% of project length (64.033 Km) in last 7 years 1 project - 6 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 2 marks.	8	8	8	256	S.No.47 – 72.9 Km – 4L
					271	71.553 Km – 4L
					265	S.No.42 – 132.320 Km – 4L
					282	S.No.52 – 485.45 Km – 4L
					285	S.No.53 – 220.85 Km – 4L
Total (1)		35	35	35		

Anneuxre-A-2 Adequacy of the Proposed Approach and Methodology (Total Marks = 5) (RFP Pg. No. 57)						
S. No.	Description	Max. Marks	Self-evaluation Pg.No.704	NHAI evaluation	Reference	
					Pg. No.	Remark
2a	Site Appreciation (i) Average 0.50 (ii) Good 0.75 (iii) Very Good 1.00	1	1	0.5	405	No specific comments on project site, no photographs
2b	Quality of Approach and Methodology (Review of scope of work and design review, construction supervision methodology, contract management approach, safety review/audit and O&M stage, initial view on project plan including key challenges envisaged and potential solutions to be judged). (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	408	
2c	Quality Audit Methodology and Quality Assurance Plan (i) Average 0.75 (ii) Good 1.50 (iii) Very Good 2.00	2	2	2	412	
Total (2)		5	5	4.5		

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Annexure-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S. No	Description	Max Marks	Self-evaluation Pg.No. 705	NHA evaluation	Reference	
					Pg. No.	Remark
3a	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection • Own an equipment / MOU with Associate – 3 marks • 1-2 projects – 4 (3+1) marks • 3-5 projects – 5 (3+2) marks • >5 projects – 6 (3+3) marks	6	6	6	439	Owned
					458	Certificate of RO-Raipur dated 19.07.2019.
					460	Certificate of RO-Raipur dated 19.07.2019.
					462	Certificate of RO-Raipur dated 19.07.2019.
					464	Certificate of RO-Raipur dated 19.07.2019.
					466	Certificate of RO-Raipur dated 19.07.2019.
					468	Certificate of RO-Raipur dated 19.07.2019.
3b	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement • Own an equipment/ MOU with Associate – 2 marks • 1-3 projects - 2.5 (2+0.5) marks • >3 projects - 3 (2+1) marks	3	3	3	448	Owned
					458	Certificate of RO-Raipur dated 19.07.2019.
					460	Certificate of RO-Raipur dated 19.07.2019.
					462	Certificate of RO-Raipur dated 19.07.2019.
					464	Certificate of RO-Raipur dated 19.07.2019.
3c	Experience in Mobile Bridge Inspection Unit (MBIU) or better technology for bridges inspection • Own an equipment/MOU with Associate – 2 marks • 1-3 projects – 3 (2+1) marks • >3 projects – 4 (2+2) marks	4	4	4	443	Owned
					472	Certificate of PD, PIU, Rohtak dated 11.07.2019.
					474	Certificate of PD, PIU, Rohtak dated 11.07.2019.
					476	Certificate of PD, PIU-Jalandhar dated 15.07.2019.
					478	Certificate of SE, NH (P.W.), Aurangabad (M.S.) dated 21.12.2017.
3d	Experience in Retro-Reflectometer technology • Own an equipment/MOU with Associate – 2 marks • 1-3 projects – 3 (2+1) marks • >3 projects – 4 (2+2) marks	4	4	4	445	Owned
					458	Certificate of RO-Raipur dated 19.07.2019.
					460	Certificate of RO-Raipur dated 19.07.2019.
					462	Certificate of RO-Raipur dated 19.07.2019.
					464	Certificate of RO-Raipur dated 19.07.2019.

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Anneuxre-A-3 Experience in use of technology for Road Inspection (Total Marks 20) (RFP Pg. No. 58)						
S. No	Description	Max Marks	Self-evaluation Pg.No. 705	NHAI evaluation	Reference	
					Pg. No.	Remark
3e	Experience in ATCC - Own an equipment/ MOU with Associate – 1 mark 1-3 projects – 2 (1+1) marks >3 projects – 3 (1+2) marks	3	3	3	450	Owened Invoice furnished,
					458	Certificate of RO-Raipur dated 19.07.2019.
					460	Certificate of RO-Raipur dated 19.07.2019.
					462	Certificate of RO-Raipur dated 19.07.2019.
					464	Certificate of RO-Raipur dated 19.07.2019.
Total (3)		20	20	20	00	

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Anneuxre-A-4 Qualification & Competence of Key Personnel (Total Marks = 40)

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience **uploaded on Infracon Portal** will be taken into consideration. However, the key personnel/ bidder will be **solely responsible** for any fake information/ CV, which may result in **debarment**.

Note applicable to all key personnel:

1.If a key personnel has worked in **next lower category** to the similar capacity, the marks allotted to key personnel in the category 'experience in similar capacity' shall be reduced to **2/3rd of marks** in this category. This shall be applicable for evaluation of all key personnel.

2. Similar projects means 2/4/6 lane as applicable for the project for which RFP is invited. For **2-lane** projects experience of 4/6 lane also to be considered with a multiplication factor of **1.5**. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. For **4/6 laning** projects, experience of 2 lane will be considered with a multiplication factor of **0.4**.

S. No.	Key Position	Name of person Proposed	PAN Number	Max Marks	Self-Evaluation	NHAI Evaluation
4a	Team Leader cum Highway Engineer	Giriraj Singh Panwar	AHJPP7101R	16	14.56	14.56
4b	Highway Maintenance cum Resident Engineer	J Marees Kumar	BPZPM7343P	10	9.5	9.1
4c	Road Safety Expert	Shubham Saran	KJPPS1137E	5	4.8	4.8
4d	Bridge/Structural Engineer	Ashok Komalavilasam Mohanan Nair	AUMPN6160A	4	3.64	3.64
4e	HTMS/Toll Expert	Sakshi Gupta	ASXPG3663J	5	5	5
Total (4)				40	37.5	37.1

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Anneuxre-A-4-1 Evaluation of Team Leader cum Highway Engineer

Name: Giriraj Singh Panwar (Pg 556) DOB: 28.09.1974 Age: 50 years (Approx.) All Pages signed by Candidate and Firm.					
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 707	NHA Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Uttar Pradesh Technical University in 2004 (Pg 568).
ii.	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/ Structural Engineering/ any other specialized Stream of civil engineering - 04 marks	04	0	0	
2. Adequacy for the project (70 Marks)					
Professional Experience in Highway Projects:					INFRACON Experience
i)	Total Highway Professional Experience < 10 years - 0 10 years - 22 marks Add two marks extra for each additional completed year of experience subject to Maximum 8 (eight) marks.	30	30	30	S.No.1 to 16 Since 10/2004 to till date. > 14 years
ii)	Experience as Team leader/Project Manager or in Similar Capacity* in O&M of completed 4/6 lane highway sections. < 3 years - 0 3 years - 30 marks Add 2.5 marks extra for each additional year of experience subject to maximum 5 (five) marks.	35	35	35	S.No.11 S.No.7 S.No.4 S.No.3 10 months 11 months 2 years 1.5 years > 5 years
iii)	Experience in similar capacity* in Highway Development Projects taken up under EPC 1 projects - 4 marks add 1 mark extra for additional projects subject to maximum 1 (one) marks	5	5	5	S.No. 15, 13 2 projects
3 Employment with the Firm (5 Marks)					
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0	
Total		100	91	91	
Weightage		16	14.56	14.56	
*Similar Capacity includes the following positions i. On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/ IE) ii. On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii. In Government Organizations: Superintending Engineer (or equivalent) and above					

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In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel / bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-2 Evaluation of Highway Maintenance cum Resident Engineer

Name: J Marees Kumar (Pg 597)						
DOB: 27.06.1985 Age: 39 years (Approx.)						
All Pages signed by Candidate and Firm.						
S. No.	Description	Max. Marks	Self-Evaluation Pg. No. 708	NHAI Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.Tech in Civil Engineering from Anna University, Chennai in 2011 (Pg 609)	
ii.	Post-Graduation in Highway Engineering - 04 marks	04	4	0	M.Tech in Structural Engineering from Anna University in 2020 Pg 605	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i.	Experience in Highway works (inspection/ design/ construction/ maintenance) <7 years - 0 7years - 22 marks Add two marks extra for each additional completed year of experience subject to maximum 8 (eight) marks.	30	30	30	S.No. 3 to 7	Since 04/2011 till now > 11 Years
ii.	Experience in similar capacity* in Highway Construction / Maintenance works of similar nature < 3 years - 0 3 years - 12 marks Add one marks extra for each additional completed year of experience subject to maximum 3 (three) marks.	15	15	15	S.No. 6, 7	Since 11.04.2018 till now >6 years
iii.	Experience in similar capacity* in project involving Construction/Maintenance works of 4/6 laning/Expressways 1 project - 20 marks Add 2.5 marks extra for each project to maximum 5 (five) marks.	25	25	25	S.No. 7,6,5	3 projects
3 Employment with the Firm (5 Marks)						
	< 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0		
Total		100	95	91		
Weightage		10	9.5	9.1		
*Similar Capacity includes the following positions						

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- i. On behalf of Consultant: Highway Engineer/ Highway Maintenance Engineer/ Resident Engineer (Construction Supervision/IE)
- ii. On behalf of Contractor: Highway Engineer / Project Manager (Construction/Construction Supervision)
- iii. In Government Organizations: Executive Engineer (or equivalent) and above

In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

Annexure-A-4-3 Evaluation of Road Safety Expert

Name: Shubham Saran (Pg 660)

DOB: 12.08.1994 Age: 30 years (Approx.)

All Pages signed by Candidate and Firm

S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 709	NHAI Evaluation	Remarks	
					INFRACON	Experience
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from University of Technology of Madhya Pradesh, Bhopal in 2016 (Pg 667). 15 Days certification course in safety from Maulana Azad National Institute of Technology, Bhopal 07-21 Nov 2019 Pg 669	
ii.	Post-Graduation in Traffic/Transportation/Safety Engineering - 04 marks	04	0	0	-	
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Professional Experience <7years - 0 7years - 22 marks Add two mark extra for each additional year of experience subject to maximum 8 (eight) marks.	30	30	30	S.No. 1 to 33	Since 07/2016 to till date > 11 years
ii)	Experience in similar capacity in Road Safety Works of Major Highway Projects (4/6 laning Projects) < 3 years - 0 3 years - 17 marks Add one mark extra for each additional year of experience subject to maximum 3 (three) marks.	20	20	20	S.No. 4 to 8	Since 01.07.2017 till now >6 years
iii)	Experience in similar capacity in Road Safety Audit of 4/6 lane highway/Expressway projects. 1 no - 12 marks Add 1 (one) mark extra for each additional project subject to maximum 3(three) marks.	15	15	15	S.No. 8,7,6,5	4 Projects

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iv)	Experience in similar capacity in preparation of Road Safety Management Plan for Inter Urban Highways 1 project - 3marks More than one project - 5 marks	5	5	5	S.No. 5, 7	2 Projects
3 Employment with the Firm (5 Marks)						
	Employment with the Firm < 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	5	5	Since April 2016	> 5 years
	Total	100	96	96		
	Weightage	5	4.8	4.8		
*Similar Capacity includes the following positions i. On behalf of Consultant: Road Safety Expert (Construction Supervision / IE) ii. On behalf of Contractor: Road Safety Expert (Construction / Construction Supervision) iii. In Government Organizations: Executive Engineer (or equivalent) and above iv. In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment. **Note: Road Safety Expert to have completed at least 15 days certification on Road Safety Audit from IAHE/ IITs / NITs / CRRI. The CV of the proposed key personnel not having completed minimum 15 days certification course shall not be evaluated. For avoidance of doubt, it is clarified that herein that the certification training course may be either from a single institution or from multiple institutions.						

Annexure-A-4-4 Evaluation of Bridge/Structural Engineer

Name: Ashok Komalavilasam Mohanan Nair (Pg 635) DOB: 16.05.1976 Age: 48 Years (approx.) All Pages signed by Candidate and Firm						
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 711	NHA Evaluation	Remarks	
1. General Qualification (25 Marks)						
i.	Graduate in Civil Engineering – 21 marks	21	21	21	B.E in Civil Engineering from Bangalore University in 1999 (Pg 648).	
ii.	Post-Graduation in Structural Engineering - 04 marks.	04	0	0		
2. Adequacy for the project (70 Marks)						
Professional Experience in Highway Projects:					INFRACON	Experience
i)	Total Professional Experience <7 years - 0 7 years - 22 marks Add two mark extra for each additional completed year subject to maximum 8(eight) marks.	30	30	30	S.No.1 to 11	Since 01.08.1999 to till date. > 11 years

ii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation < 3 years - 0 3 years - 16 marks Add one marks extra for each additional completed year of experience subject to maximum 4 (four) marks.	20	20	20	S.No. 3 to 8	Since 01.12.2004 to 30.04.2017 >7 years
iii)	Experience in similar capacity in Construction/Construction Supervision of Bridge/Interchange/any other structures including rehabilitation of 4/6 lane highway/expressway or similar project. 1 Project - 16 marks Add 1 (one) mark extra for each additional project subject to maximum 4 (four) mark.	20	20	20	S.No. 3, 6, 7, 8	4 Projects
3 Employment with the Firm (5 Marks)						
	< 1 year - 0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks.	5	0	0		
	Total	100	91	91		
	Weightage	4	3.64	3.64		
*Similar Capacity includes the following positions i. On behalf of Consultant: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer ii. On behalf of Contractor: Bridge Engineer/ Bridge Design Engineer/ Structural Engineer iii. In Government Organizations: Executive Engineer (or equivalent) and above In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.						

Annexure-A-4-5 HTMS / TOLL Expert

Name: Sakshi Gupta (Pg 672) DOB: 21.06.1980 Age: 44 years (Approx.) All Pages signed by Candidate and Firm					
S. No.	Description	Max. Marks	Self-Evaluation Pg.No. 712	NHAI Evaluation	Remarks
1. General Qualification (25 Marks)					
i.	Graduate in Electronics / Computer Science or Equivalent – 21 marks	21	21	21	B.E in Electronics and Telecommunication Engineering from Pt.Ravishankar Shukla University, Raipur in 2002 (Pg 684).

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ii.	Post-Graduation - 04 marks.	04	4	04	M.Tech in VLSI Design & Embedded System from NIT, Rourkela in 2008. (Pg 686)
2. Adequacy for the project (70 Marks)					
Professional Experience					INFRACON Experience
i)	Total Professional Experience as System Engineer <10 Years - 0 10 Years to less than 15 years - 25 marks 15 years or more - 35 marks	35	35	35	S.No. 1 to 14 Since 12/2002 to 08/2023. 20 years & 8 months (>15 years)
ii)	Experience in establishing HTMS and Tolling System 1 Project - 20 marks 2 projects or more - 25 marks	25	25	25	S.No.5 to 10, 13 & 14 8 projects (> 2 projects)
iii)	Experience in International latest technology / System in the field of HTMS / Tolling of Highways Project in similar capacity - 10 marks.	10	10	10	S.No.5 to 10, 13 & 14 8 projects
3 Employment with the Firm (5 Marks)					
	<1 year - 0. 1 year to less than 2 year - 3 marks. 2 year and above - 5 marks.	5	5	5	Since Nov-2013 to till date > 10 years
	Total	100	100	100	
	Weightage	5	5	5	
*Similar Capacity includes the following positions i. On behalf of Consultant/Contractor: HTMS / Toll Expert or equivalent. ii. On behalf of Government: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6months. (3) In case of experience on behalf of Consultant or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/bidder will be solely responsible for any fake information/CV, which may result in debarment.					

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Technical Bid Capacity Calculation

S. No.	Bid ID	Name of the firm	(1) Average Turnover of firm in last 3 FY (from Consultancy works) (Rs. in Cr.)	(2) No of key Professionals on full time rolls (Minimum from last one year) with the consultancy firm	(3) Max. no. of projects to be allotted to one particular consultant including ongoing projects at a time in NHAI			(4) Total ongoing/awarded projects (Nos.)			(5) Remaining Capacity for new projects (Nos.) in CPY		
					Total	DPR	IE/AE/SC	Total	DPR	IE/AE/SC	Total	DPR	IE/AE/SC
					3A	3B	3C	4A	4B	4C	5A	5B	5C
1	811616	M/s SA Infrastructure Consultants Private Limited. in association with Varad Associates, Noida (Pg 910)	172.17	60	40	40	30	17.20	4.05	13.15	35.95	35.95	16.85
2	812257	M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur (Pg 958)	48.04	48	25	25	18	4.00	1.00	3.00	24.00	24.00	15.00
3	812269	M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon (Pg 1354)	186.71	163	40	40	30	22.65	10.00	12.65	30.00	30.00	17.35
4	812410	M/s Artefact Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur (Pg 511)	42.00	42	25	25	18	8.00	0.00	8.00	25.00	25.00	10.00
5	812523	M/s L.N.Malviya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal (Pg 1479)	276.1	157	40	40	30	15.25	0.00	15.25	40.00	40.00	14.75

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Name of the Work: Consultancy Services for Supervision Consultants (SC) of Operation & Maintenance of Four Lining of Madurai - Aripudakkal - Tuticorin section from Km. 138+500 to Km. 266+855 of NH-36 (Old NH-45B) in the State of Tamil Nadu (Tender Ref. No. NHAI/7011/02/04/2024/RO Madurai)

Tender ID: 2024, NHAI, 220345, 1

Bid Due Date: 27.01.2025 upto 11.00 PM

Technical Bids opening Date: 28.01.2025 @ 11.00 AM

No. of Bids received in Online: 5 Bids

S.No.	Description	Ref. Clause No	M/s SA Infrastructure Consultants Private Limited, in association with Varad Associates, Noida (Bid ID: 81616) (1 of 6)	M/s K & J Projects Pvt. Ltd. in association with SEG Engineering Services Pvt. Ltd., Nagpur (Bid ID: 812287) (2 of 6)	M/s MSV International Inc. in association with MSV International Tech Pvt. Ltd., Gurgaon (Bid ID: 812289) (3 of 6)	M/s Arisech Projects Ltd. in association with Manglam Infra and Engineering Ltd., Nagpur (Bid ID: 712210) (4 of 6)	M/s L N Mahiya Infra Projects Pvt. Ltd. in association with Highway Engineering Consultant, Bhopal (Bid ID: 712223) (5 of 6)
1	Cost of Tender Document non-refundable fee of Rs.5,000/- through NEFT/RTGS	Section-I, Clause 5 (Pg 4)	UTR No. ID/BN/2025/0124/826545 dated 24.01.2025 NEFT for an amount of Rs.5,000/- (Pg. 135)	Ref. No. HFC/CH/2025/0124/20259546 dated 24.01.2025 NEFT for an amount of Rs.5,000/- (Pg. 1)	UTR No. SB/IN/25/0241/4630 dated 24.01.2025 NEFT for an amount of Rs.5,000/- (Pg. 1687)	Ref. No. UBIN/25/02/09/8624 dated 25.01.2025 NEFT for an amount of Rs.5,000/- (Pg. 3)	Ref. No. BL/BB/2025/08/15/58 dated 24.01.2025 NEFT for an amount of Rs.5,000/- (Pg. 1047)
2	Firm's credentials as per format prescribed in section-3 of RFP	Section-II, Appendix-A (i) (Pg 32)	2025 (Pg 32)	2024 (Pg 30)	2001 (Pg 49)	1887 (Pg 29)	2005 (Pg 49)
3	Year of Establishment of Firm/ Certificate of Incorporation	Section-II, Appendix-A (i) (Pg 32)	In Association with Varad Associates (Pg 13)	With SEG Engineering Services Private Limited (Pg 14)	In association with M/s MSV International Tech Pvt. Ltd. (Pg 14)	In association with Manglam Infra and Engineering LTD formerly known as Manglam Associates (Pg 10)	In association with Highway Engineering Consultant (Pg 9)
4	Details of Joint Venture/Associate/Individual	Section-II, Appendix-A (i) (Pg 32)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
5	Copy of Memorandum of Understanding between JV partners, if applicable	Section-I, Clause 3.4 (Pg 14)	Furnished (Pg 13)	Furnished (Pg 14)	Furnished (Pg 14)	Furnished (Pg 10)	Furnished (Pg 9)
6	Copy of Memorandum of Understanding with Associate, if applicable	Section-I, Clause 3.4 (Pg 14)	Furnished: Shri Veeray Krishna (Pg 7)	Furnished (Pg 2) Mr. Shrikant Khotabagode	Furnished (Pg 6) Sh. Rushkar Malik	Furnished: Mr. Shyam Padmakar Mohankar (Pg 17)	Furnished (Pg 11) Dr. L N Mahiya
7	Power of Attorney for signing the Application	Section-I, Appendix-A (i) (Pg 32)	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
8	If applicable, the Power of Attorney for Least Member of JV	Section-I, Appendix-A (i) (Pg 32)	Furnished (Pg 38)	Furnished (Pg 66)	Furnished (Pg 76)	Furnished (Pg 57)	Furnished (Pg 54)
9	Financial Statement of the last five years	Section-II, Appendix-A (i) (Pg 32)	Furnished (Pg 174-174)	Furnished (Pg 79-79)	Furnished (Pg 168-168)	Furnished (Pg 76-76)	Furnished (Pg 77-307)
10	Existence of Firm	Section-II, Appendix-A (i) (Pg 32)	Furnished (Pg 476)	Furnished (Pg 982)	Furnished (Pg 657)	Furnished (Pg 358)	Furnished (Pg 309-403)
11	Number of Key Personnel employed with the firm for more than one year	Section-II, Appendix-A (i) (Pg 32)	Furnished (Pg 478)	Furnished (Pg 591)	Furnished (Pg 17)	Furnished (Pg 363)	Furnished (Pg 15)
12	Technical Proposal submission form	Section-IV, Appendix B-1 (Pg 37)	Furnished (Pg 480)	Furnished (Pg 993)	Furnished (Pg 569)	Furnished (Pg 366)	Furnished (Pg 405)
13	Site Appraisal	Section-IV, Appendix B-2 (Pg 38)	Furnished (Pg 488)	Furnished (Pg 997)	Furnished (Pg 671)	Furnished (Pg 371)	Furnished (Pg 408)
14	Approach paper on methodology for performing the assignment	Section-IV, Appendix B-3 (Pg 39)	Furnished (Pg 496)	Furnished (Pg 999)	Furnished (Pg 681)	Furnished (Pg 381)	Furnished (Pg 414)
15	Facility for field investigations and testing	Section-IV, Appendix B-4 (Pg 40)	Furnished (Pg 578)	Furnished (Pg 998)	Furnished (Pg 811)	Furnished (Pg 457)	Furnished (Pg 551)
16	Composition of the Team and Task(s) of each Team member	Section-IV, Appendix B-5 (Pg 41)	Furnished (Pg 586)	Furnished (Pg 999)	Furnished (Pg 819)	Furnished (Pg 559)	Furnished (Pg 555)
17	Curriculum vitae of proposed Professional staff	Section-IV, Appendix B-6 (Pg 42)	Furnished (Pg 597)	Furnished (Pg 999)	Furnished (Pg 969)	Furnished (Pg 463)	Furnished (Pg 594)
18	Time Schedule for deployment of Professional staff	Section-IV, Appendix B-7 (Pg 43)	Furnished (Pg 599)	Furnished (Pg 999)	Furnished (Pg 971)	Furnished (Pg 466)	Furnished (Pg 598)
19	Activity (works) Schedule	Section-IV, Appendix B-8 (Pg 45)	Furnished (Pg 602)	Furnished (Pg 999)	Furnished (Pg 977)	Furnished (Pg 468)	Furnished (Pg 600)
20	Affidavit for correctness of CVs of key personnel and experience claimed by the firm	Section-IV, Appendix B-9 (Pg 47)	Furnished (Pg 604)	Furnished (Pg 1007)	Furnished (Pg 979)	Furnished (Pg 470)	Furnished (Pg 702)
21	Self-Evaluation by the Firm on the Annexure A, along with Annexure A-1, Annexure A-2, A-3, A-4, A-5, A-6, A-7, A-8, A-9, A-10, A-11, A-12, A-13, A-14, A-15, A-16, A-17, A-18, A-19, A-20, A-21, A-22, A-23, A-24, A-25, A-26, A-27, A-28, A-29, A-30, A-31, A-32, A-33, A-34, A-35, A-36, A-37, A-38, A-39, A-40, A-41, A-42, A-43, A-44, A-45, A-46, A-47, A-48, A-49, A-50, A-51, A-52, A-53, A-54, A-55, A-56, A-57, A-58, A-59, A-60, A-61, A-62, A-63, A-64, A-65, A-66, A-67, A-68, A-69, A-70, A-71, A-72, A-73, A-74, A-75, A-76, A-77, A-78, A-79, A-80, A-81, A-82, A-83, A-84, A-85, A-86, A-87, A-88, A-89, A-90, A-91, A-92, A-93, A-94, A-95, A-96, A-97, A-98, A-99, A-100, A-101, A-102, A-103, A-104, A-105, A-106, A-107, A-108, A-109, A-110, A-111, A-112, A-113, A-114, A-115, A-116, A-117, A-118, A-119, A-120, A-121, A-122, A-123, A-124, A-125, A-126, A-127, A-128, A-129, A-130, A-131, A-132, A-133, A-134, A-135, A-136, A-137, A-138, A-139, A-140, A-141, A-142, A-143, A-144, A-145, A-146, A-147, 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1000)	Furnished (Pg 1000)	Furnished (Pg 1000)	Furnished (Pg 1000)	Furnished (Pg 1000)
15	Integrity Pact	Section-IV, Appendix B-11 (Pg 49)	Furnished (Pg 1342)	Furnished (Pg 992)	Furnished (Pg 993)	Furnished (Pg 482)	Furnished (Pg 724)
16	Declaration regarding Key personnel deployment	Section-IV, Appendix B-12 (Pg 71)	Furnished (Pg 1348)	Furnished (Pg 998)	Furnished (Pg 1000)	Furnished (Pg 489)	Furnished (Pg 733)
17	Technical Capability of Bidding Firm	Section-IV, Appendix B-13 (Pg 72)	Furnished (Pg 910)	Furnished (Pg 1009)	Furnished (Pg 1354)	Furnished (Pg 511)	Furnished (Pg 759)
18	Tender Evaluation Committee Recommendation		Responsive	Responsive	Responsive	Responsive	Responsive



(S. S. Sreedhar)
Member



(S. A. Jithumani)
Member



(T. Veera)
Member



(S. Chandrasekhar)
Member



(M. Chandrasekhar)
Convener