

**National Highways & Infrastructure Development Corporation Limited**  
**(Ministry of Road Transport & Highways, Government of India)**

Minutes of Meeting of Empowered Technical Bid Evaluation Committee (ETEC) to evaluate the Technical bids for Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode".

**Date:** 19.05.2020 (3:00 PM)

**Venue:** PTI Building, 3<sup>rd</sup> Floor, Conference Hall, NHIDCL HQ, New Delhi.

Having opened the Technical bids on 17.03.2020, duly constituted Empowered Technical Bid Evaluation Committee (ETEC) met on 19.05.2020 to evaluate the proposals as per the terms of RFP document.

2. Member Secretary apprised that:

- a) As per clause 4.1 of Section-2 of RFP, bidders are required to submit their Technical Proposal only through online mode i.e. via CPP portal and INFRACON portal and no separate hard copy was required to submit. However, one firm i.e. M/s Chaitanya Projects Consultancy Pvt. Ltd. in association with MAV Associates submitted the hard copy of bid and formed Team on INFRACON portal but not uploaded its proposal online on CPP Portal which is must. Hence, the bid of the aforementioned firm is treated as non-responsive.

b) The details of firms are as under:

Sr. No.	Name of Consultant	Type of Venture	Lead Member (or Sole)	Other Member (JV/ Associate)
1	M/s Ayoleeza Consultants Pvt. Ltd.-SOWIL Limited (JV)	Joint Venture	M/s Ayoleeza Consultants Pvt. Ltd.-	M/s SOWIL Limited
2	M/s Technocrats Advisory Services Pvt. Ltd. in association with Jagadambike Infrsolution Private Limited	Association	M/s Technocrats Advisory Services Pvt. Ltd.	M/s Jagadambike Infrsolution Private Limited
3	M/s G-Eng Advisory Services Pvt. Ltd.-Marc Technocrats Private Limited (JV) in association with Global Infra Solutions	JV & Association	M/s G-Eng Advisory Services Pvt. Ltd.	JV Partner: M/s Marc Technocrats Private Limited Associate: M/s Global Infra Solutions
4	M/s EPTISA SERVICIOS DE INGENIERIA S.L.- SATRA Infrastructure Management Services Pvt. Ltd.(JV) in association with Anandjiwala Infra Advisory	JV & Association	M/s EPTISA SERVICIOS DE INGENIERIA S.L.	JV Partner: M/s SATRA Infrastructure Management Services Pvt. Ltd. Associate: M/s Anandjiwala Infra Advisory

5	M/s K & J Projects Private Limited in association with Ceinsys Tech Ltd.	Association	M/s K & J Projects Private Limited	M/s Ceinsys Tech Ltd.
6	M/s Feedback Infra Private Limited in association with SRI INFOTECH	Association	M/s Feedback Infra Private Limited	M/s SRI INFOTECH

- c) As per the Section-3 & 4 of RFP, the bidders were required to upload the Experience of the firm and List of the proposed Key Expert Team & Summary of CVs Particulars on INFRACON Portal. Whereas, Site Appreciation, Approach paper on methodology for performing the assignment, Facility for field investigation and testing, Time schedule for deployment of Professional staff and Activity (works) schedule were required to be uploaded on CPP Portal.
- d) Based on the credential submitted by the bidders on CPP Portal and INFRACON Portal, Evaluation of bids has been carried out manually as certain new parameters like Experience in use of technology for road inspection was added in the Modal RFP and INFRACON Portal is not upgraded with the present Modal RFP.

2. The Committee noted that the Consultant had submitted their Technical Proposal on e-Procurement Portal i.e. on CPP Portal & INFRACON portal and the evaluation has been carried out based on the details submitted by bidders. The proposals were examined as per Section-2 (Letter of Invitation to Consultants) Data Sheet of RFP Document and the details of the evaluation are placed at **Annexure-I** (54 pages).

3. The Committee noted that as per clause 3.4 (x) (f) of Section-2 (Letter of Invitation to Consultants) of RFP Document, *"If a CV score less than 75% marks, whatever marks it score will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. However, if the Key Personnel does not fulfill the minimum academic qualification (as mentioned at Enclosure-B of TOR of RFP), the overall score of his CV will be evaluated as zero. If the Key Personnel does not fulfill the minimum qualification related to experience (as mentioned at Enclosure-B of TOR of RFP), then zero marks will only be assigned for that sub criteria, but the marks obtained by the CV of the Key Personnel will be carried forward for maximum 3 nos. key personnel for determining the total score of the firm. In case, a firm is H-1, then all such Key Personnel (whose CV scores less than 75% or who does not fulfill the minimum qualification) will have to be replaced by the firm before signing the contract. The reduction in remuneration of such replacements shall be 10% for each replacement. In case more than 3 CV scores less than 75% marks or Team leader cum Senior Pavement Engineer scores less than 75% marks, the proposal shall be considered non-responsive"*.

4. The Committee observed that all the 06 (six) firms as mentioned below are technically qualified in terms of provisions of RFP. The Committee noted the marks scored by the individual firm as under:

Firm Name: M/s Ayoleeza Consultants Pvt. Ltd.-SOWIL Limited (JV)					
Sr. No.	Particulars		Max. Points	Points scored	% Marks
(i)	Relevant experience for the assignment		40	40	
(ii)	Experience in use of technology for road inspection		20	19	% Marks
(iii)	Qualifications and competence of the key staff or the assignment		40	36.22	
	Mr. Rajesh Tripathi	Team Leader Cum Senior Pavement Engineer	12	10.68	89
	Mr. Arunesh Kumar	Resident cum Highway Engineer 1	6	5.46	91
	Mr. Nagendra Singh	Resident cum Highway Engineer 2	6	5.46	91
	Mr. Sunil Prasad Singh	Senior Quality cum Material Expert	6	5.46	91
	Mr. Syed Karrar Hussain Naqvi	Senior Quantity Surveyor	6	5.40	90
	Mr. Omesh Chandra Mathur	Road Safety Expert	4	3.76	94
Total Marks				95.22	

Firm Name: M/s Technocrats Advisory Services Pvt. Ltd. in association with Jagadambike Infrsolution Private Limited					
Sr. No.	Particulars		Max. Points	Points scored	% Marks
(i)	Relevant experience for the assignment		40	40	
(ii)	Experience in use of technology for road inspection		20	18	% Marks
(iii)	Qualifications and competence of the key staff or the assignment		40	35.32	
	Mr. Umakanta Pani	Team Leader Cum Senior Pavement Engineer	12	11.40	95
	Mr. Jaiprakash Singh	Resident cum Highway Engineer 1	6	5.46	91
	Mr. Sankar Deb	Resident cum Highway Engineer 2	6	5.46	91
	Mr. Nune Kiran	Senior Quality cum Material Expert	6	5.70	95
	Mr. Ashoka Nand Jha	Senior Quantity Surveyor	6	5.70	95
	Mr. Yogesh, V.K	Road Safety Expert	4	3.10	78
Total Marks				94.82	

Firm Name: M/s G-Eng Advisory Services Pvt. Ltd.-Marc Technocrats Private Limited (JV) in association with Global Infra Solutions					
Sr. No.	Particulars		Max. Points	Points scored	% Marks
(i)	Relevant experience for the assignment		40	40	
(ii)	Experience in use of technology for road inspection		20	20	% Marks
(iii)	Qualifications and competence of the key staff or the assignment		40	36.81	
	Mr. Chodavarapu S. Sastry	Team Leader Cum Senior Pavement Engineer	12	10.92	91
	Mr. Satish Raj	Resident cum Highway Engineer 1	6	5.46	91
	Mr. Manoj Kumar	Resident cum Highway Engineer 2	6	5.70	95
	Mr. Shriram Damodhar Deshmukh	Senior Quality cum Material Expert	6	5.46	91
	Mr. Bijay Kumar Sharma	Senior Quantity Surveyor	6	5.63	94
	Mr. Satya Pal Sighmar	Road Safety Expert	4	3.64	91
Total Marks				96.81	

Firm Name: M/s EPTISA SERVICIOS DE INGENIERIA S.L.- SATRA Infrastructure Management Services Pvt. Ltd.(JV) in association with Anandjiwala Infra Advisory					% Marks
Sr. No.	Particulars	Max. Points	Points scored		
(i)	Relevant experience for the assignment	40	40		
(ii)	Experience in use of technology for road inspection	20	17		
(iii)	Qualifications and competence of the key staff or the assignment	40	37.31		
	Mr. Virendra Kumar Roy	Team Leader Cum Senior Pavement Engineer	12	11.16	93
	Mr. Radhakant Upadhyay	Resident cum Highway Engineer 1	6	5.63	94
	Mr. Tushar Subhra Maiti	Resident cum Highway Engineer 2	6	5.55	93
	Mr. Srinivasa Rao Vankayala	Senior Quality cum Material Expert	6	5.46	91
	Mr. Suman Barua	Senior Quantity Surveyor	6	4.70	95
	Mr. Suvendu Seth	Road Safety Expert	4	3.80	95
Total Marks			94.31		

Firm Name: M/s K & J Projects Private Limited in association with Ceinsys Tech Ltd.					% Marks
Sr. No.	Particulars	Max. Points	Points scored		
(i)	Relevant experience for the assignment	40	40		
(ii)	Experience in use of technology for road inspection	20	18		
(iii)	Qualifications and competence of the key staff or the assignment	40	36.58		
	Mr. Deepak Gupta	Team Leader Cum Senior Pavement Engineer	12	10.92	91
	Mr. Ashok Kumar	Resident cum Highway Engineer 1	6	5.46	91
	Mr. Anjani Kumar Singh	Resident cum Highway Engineer 2	6	5.46	91
	Mr. Surya Bhushan Singh	Senior Quality cum Material Expert	6	5.46	91
	Mr. Chittaranjan Nath	Senior Quantity Surveyor	6	5.64	94
	Mr. Chand Mehta	Road Safety Expert	4	3.64	91
Total Marks			94.58		

Firm Name: M/s Feedback Infra Private Limited in association with Sri Infotech					% Marks
Sr. No.	Particulars	Max. Points	Points scored		
(i)	Relevant experience for the assignment	40	40		
(ii)	Experience in use of technology for road inspection	20	20		
(iii)	Qualifications and competence of the key staff or the assignment	40	37.42		
	Mr. Vivek Naidu	Team Leader Cum Senior Pavement Engineer	12	11.40	95
	Mr. Shankar Paul	Resident cum Highway Engineer 1	6	5.46	91
	Mr. Ayan Bandyopadhyay	Resident cum Highway Engineer 2	6	5.46	91
	Mr. Binod Kumar	Senior Quality cum Material Expert	6	5.70	95
	Mr. Surendra Kumar	Senior Quantity Surveyor	6	5.40	90
	Mr. Prashanth Kalathi	Road Safety Expert	4	4.00	100
Total Marks			97.42		

5. In view of the above, Committee is in the opinion that Financial Bids of all six bidders as follows may be opened for the subject work with approval of the Competent Authority:

- (i) M/s Ayoleeza Consultants Pvt. Ltd.-SOWIL Limited (JV)
- (ii) M/s Technocrats Advisory Services Pvt. Ltd. in association with Jagadambike Infrsolution Private Limited
- (iii) M/s G-Eng Advisory Services Pvt. Ltd.-Marc Technocrats Private Limited (JV) in association with Global Infra Solutions
- (iv) M/s EPTISA SERVICIOS DE INGENIERIA S.L.- SATRA Infrastructure Management Services Pvt. Ltd.(JV) in association with Anandjiwala Infra Advisory
- (v) M/s K & J Projects Private Limited in association with Ceinsys Tech Ltd.
- (vi) M/s Feedback Infra Private Limited in association with Sri Infotech

*Finanera has evaluated points related to turn over only,*

Meeting ended with vote of thanks to Chair.



Sh. Mahesh Gupta  
DGM (Fin.)  
(Member)



Sh. B. Shivprasad  
GM (Tech.)  
(Member Secretary)



Sh. Y. C. Shrivastav  
GM (Tech.)  
(Member)



Sh. Sanjeev Malik  
Executive Director-III  
Chairman

Project Name: Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode.

Firms Name: M/s Ayoleeza Consultants Pvt. Ltd in JV with M/s Sowil Ltd.

Sr. No.	Particulars		Max Points	Points Scored	% Marks
1	Relevant experience for the assignment		40	40.00	
2	Experience in use of technology for road inspection		20	19.00	
3	Qualifications and competence of the key staff for the assignment		40	36.22	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.68	89
		Resident cum Highway Engineer 1	6	5.46	91
		Resident cum Highway Engineer 2	6	5.46	91
		Senior Quality cum Material Expert	6	5.46	91
		Senior Quantity Surveyor	6	5.40	90
		Road Safety Expert	4	3.76	94
Total Marks				95.22	

Evaluation Criteria for Assessment of Experience of the Firm					
S. No.	Description	Max. Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business < Rs. 15.11 Cr.– 0 marks Rs. 15.11 Cr. – 1.5 marks Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs. 15.11 Cr. subject to maximum 0.5 marks.	2	2	2	Ayoleeza: (17.03+10.26+5.65)/3 = 10.98 Cr. SOWIL: (20.51+35.58+27.77)/3= 27.95 Cr. Total= 38.93 Cr. (Refer pg. no. 87 to 103)
2	Nos. of Highway Professionals with the firm *	10	10	10	Ayoleeza: 25, SOWIL: 10, More than 30 personnel (Refer pg. no. 329 to 333)
2.1	<10	0	-	-	
2.2	>10 but ≤20	8	-	-	
2.3	>20 but ≤30	9	-	-	
2.4	>30	10	10	10	
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.					
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years. 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of	10	10	10	>06 nos. Project (Refer pg. no. 104 to 149)
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years. 1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.	5	5	5	10 nos. Projects (Refer pg. no. 150 to 222)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	10 nos. Projects (Refer pg. no. 223 to 285)
5.1	<2	0	-	-	
5.2	>2 & <5	5	-	-	
5.3	>5	10	10	10	
6	Experience in Construction Supervision/DPR/Design Review of Major structures having length of more than 500 meter in last 7 years. 1 project – 2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks	3	3	3	> 05 structures (Refer pg. no. 186, 189, 191, 193, 198, 203 etc.)
Total Marks		40	40	40	
<b>Note 1:</b> In case of JV, the turnover and experience details of Lead and JV partners to be added. <b>Note 2:</b> Employer's certificate/ certificate from Statutory Auditor should be submitted substantiating the experience/turnover claimed by the firm. <b>Note 3:</b> ** For 4/6 laning projects, experience of 2 lane will be considered with a multiplication factor of 0.4, but only for those 2 lane projects whose cost of consultancy services was more than Rs.3.0 crores.					

Evaluation sheet for assessment of experience in use of technology for road inspection					
S. No.	Description	Maximum Points	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7	7	7	
1.1	Equipment	4	4	4	
	(a) Equipment on MOU with Associate or on hiring basis- 2 marks				
	(b) Own Equipment – 4 marks				Own one equipment, Refer pg. no. 358 to 390
1.2	Experience	3	3	3	10 projects Refer pg. no. 393 to 417
(i)	1-2 projects	1			
(ii)	3-5 projects	2			
(iii)	> 5 projects	3			
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4	4	4	
2.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Own one equipment, Refer pg. no. 421 to 424
2.2	Experience	2	2	2	08 projects, Refer pg. no. 425 to 447
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5	4	4	
3.1	Equipment	2	1	1	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				MOU with CRR, Refer pg. no. 449 to 461
	(b) Own Equipment – 2 marks				
3.2	Experience	3	3	3	06 projects, Refer pg. no. 462 to 476
(i)	1-2 Projects	1			
(ii)	3-5 Projects	2			
(iii)	> 5 Projects	3			
4	Experience in Retro reflectometer technology	4	4	4	
4.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Own two equipment, Refer pg. no. 504, 506
4.2	Execution with owned/hired Equipment/through Associate	2	2	2	12 projects, Refer pg. no. 507 to 539
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
	<b>Total</b>	<b>20</b>	<b>19</b>	<b>19</b>	

3. Evaluation Criteria for assessment of score of Key Staff for adequacy of the Assignment					
3.1	Team Leader cum Senior Pavement Engineer: Rajesh Tripathi				
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	BE (Civil), Nagpur University (Refer pg. no. 576)
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	0	0	-
2	<b>Adequacy for the Project</b>	70	70	68	
a)	Professional Experience in Highway Projects:				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	24.48 years exp.
ii)	Experience as Team Leader or similar capacity in Highway Development Projects(similar configuration (2/4/6 laning**) and above) < 5 years -0 5 years -11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	14.38 years exp.
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC 1 project -4 marks add 1 mark extra for additional projects subject to maximum1 (one) mark	5	5	4	Sl. no. 13
b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). < 2 projects -0 2 Projects -11 marks Add 2 marks for each additional project subject to maximum 4 marks.	15	15	15	Sl. no. 7,8,9,10
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above < 2 projects — 0 2 Projects — 16 marks Add 2 marks extra for each additional project subject to maximum 4 (four) marks	20	20	20	Sl. no. 11, 13,14,15,17
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	4	Sl. No. 12
3	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	Not employed with firm, available for assignment (Refer pg. no. 546)
<b>Total:</b>		100	91	89	
		12	10.92	10.68	
<b>Age on bid due date: Not more than 65 years.</b>					DOB-02/12/1969 (50.29 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above  (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months.  (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.					

<b>3.2 Resident cum Highway Engineer-1: Arunesh Kumar</b>					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	B. Sc. In Civil Engineering Magadh University (Refer pg. no. 606)
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	M. Tech. (Highway & Transportation Engineering), <b>Karnataka State Open University</b> (Refer pg. no. 607)
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	22 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	19.60 years exp.
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 4,5,7,8,11
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 4,5,7,8,11
<b>3</b>	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	Not employed with firm, Available for Assignment
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-15/11/1962 (57.37 years)
<p>Note:(1) Similar Capacity includes the following positions  i) On behalf of Consultant: Resident / Highway Engineer  ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)  iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

<b>3.2 Resident cum Highway Engineer-2: Nagendra Singh</b>					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	B. Sc. In Civil Engineering Magadh University (Refer pg. no. 641)
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	25.47 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	19.16 years exp.
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 4,5,6,7,8,11,12
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 4,5,7
3)	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	Not employed with firm, Available for Assignment
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-04/05/1963 (56.91 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant: Resident / Highway Engineer</p> <p>ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)</p> <p>iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

<b>3.3 Senior Quality cum Material Expert: Sunil Prasad Singh</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	B. Sc. In Civil Engineering (Refer pg. no. 677)
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	>26 years exp.
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	>22 years exp.
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	Sr. no. 3,5,6,7,9,10,12,13
3	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	Not employed with firm, Available for Assignment
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-01/01/1959 (61.25 years)

Note:(1) Similar Capacity includes the following positions

- On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.
- On behalf of Government: Executive Engineer

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months

(3) In case of experience on behalf of Authority's Engineer 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 Porta will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

### 3.4 Senior Quantity Surveyor: Syed Karrar Hussain Naqvi

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>20</b>	<b>20</b>	
I)	Graduate in Civil Engineering	20	20	20	B. Sc. In Civil Engineering (Refer pg. no. 707)
II)	Post Graduate in Construction Management/ Post Graduate in Construction Engineering/ Certificate Course in Management/ Certificate Course in Construction Management/ Certificate Course in Contract Management or equivalent	5	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>60</b>	<b>60</b>	<b>60</b>	
<b>a)</b>	<b>Experience in handling highway contracts</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 15 years	15	15	15	28 years exp.
	Additional 1 Mark for each addition year	5	5	5	
<b>b)</b>	<b>Experience as Quantity Surveyor in Highway/ Expressway / bridge project</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 10 years	15	15	15	21 years exp.
	Additional 1 Mark for each addition year	5	5	5	
<b>c)</b>	<b>Experience as Quantity Surveyor in construction supervision of two/four of lane highway</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	2 projects with minimum 2 years period in each project	15	15	15	8 projects, Sr. no. 3 to 10
	Additional 2.5 marks for each project with minimum 2 years period	5	5	5	
<b>3</b>	<b>Familiarity with the language and the conditions of India including North East Region</b>	<b>15</b>	<b>10</b>	<b>10</b>	
i)	Experience in India	10	10	10	
	Minimum 2 Years	7.5	7.5	7.5	
	Additional 1.25 marks for each additional year	2.5	2.5	2.5	
ii)	Experience in North East Region	5	0	0	
	Minimum 1 Years	3.75	0	0	
	Additional 1.25 marks for additional year	1.25	0	0	
	<b>Total:</b>	<b>100</b>	<b>90</b>	<b>90</b>	
		<b>6</b>	<b>5.40</b>	<b>5.40</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-01/08/1967 (52.66 years)

**3.5 Road safety Expert: Omesh Chandra Mathur**

3.5 Road safety Expert: Omesh Chandra Mathur					
S. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed for self- assessment
1	General Qualification	25	21	21	
	i) Graduate in Civil Engineering	21	21	21	B. Tech. In Civil Engineering (Refer pg. no. 786)
	ii) Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
	i) Total Professional Experience in handling Highway/Bridge projects				
	< 10 years -0	15	15	15	26 years exp.
	10 years -11 marks				
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
	ii) Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6 laning**) and above).				
	< 5 years -0	15	15	15	19 years exp
	5 years -11 marks				
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
	iii) Experience in similar capacity in Road Safety Audits of 2/4/6-laning** Highway projects at different stages including at least one at design stage				
	< 2 nos. -0	20	20	20	S. No. 15,35,50,57
	2 nos. -15 marks				
	Add 2.5 marks extra for each additional project subject to maximum 5 marks.				
	iv) Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)				
	< 2 nos. -0	10	10	10	S. No. 15,35,50,57
	2 nos. -8 marks				
	Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.				
	v) Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway				
	1 project -4 marks	5	5	5	S. No. 15,35,50,57
	2 or more -5 marks				
	vi) Experience in similar capacity in field of Road Safety Management Plan				
	1 project -4 marks	5	5	5	S. No. 15,35,50,57
	2 or more -5 marks				
3	Employment with the Firm				
	<1 year- 0	5	3	3	1.3 years (from 17.10.2018)
	1 year – 3 marks				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks				
	Total :	100	94	94	
		4	3.76	3.76	
	Age on bid due date: Not more than 65 years.				DOB-25/09/1957 (62.52 years)
Note:					
(1) Similar Capacity includes the following positions					
i) On behalf of Consultant/Contractor: Road Safety Expert					
ii) In Government Organizations: 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 < 6 months					

Project Name: Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode

Firm Name: M/s Technocrats Advisory Services Pvt. Ltd. in association with M.s Jagadambike Infrsolution Pvt. Ltd.

Sr. No.	Particulars		Max Points	Points Scored	% Marks
1	Relevant experience for the assignment		40	40.00	
2	Experience in use of technology for road inspection		20	18.00	
3	Qualifications and competence of the key staff for the assignment		40	36.82	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	11.40	95
		Resident cum Highway Engineer 1	6	5.46	91
		Resident cum Highway Engineer 2	6	5.46	91
		Senior Quality cum Material Expert	6	5.70	95
		Senior Quantity Surveyor	6	5.70	95
		Road Safety Expert	4	3.10	78
Total Marks				94.82	

Relevant experience for the assignment						
1	Evaluation Criteria for Assessment of Experience of the Firm.					
S. No.	Description	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment	
1	Average Annual Turnover (last 3 years) from consultancy business	2	2	2	<b>Technocrats:</b> ✓ (19.47+22.07+44.98)/3 = 28.84 Cr.  (Refer pg. no. 82)	
	< Rs. 15.11 Cr.- 0 marks					
	Rs. 15.11 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs.15.11 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *	10	10	10	44 key personnel (Pg401-405)	
2.1	<10					0
2.2	10-20					8
2.3	>20 but ≤30					9
2.4	>30					10
<b>*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.</b>						
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years.  1 project – 8 marks, Add 1(one) mark extra for completed assignment of Authority Engineer / Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.	10	10	10	(Pg 148,153,183,192, 195)	
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length equal to 24.88km or more in last 7 years.  1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.	5	5	5	(Pg 267,269,295)	
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	(Pg 355,363,377,381, 385,391)	
5.1	<2					0
5.2	2-5					5
5.3	>5					10
6	Experience in Construction Supervision / DPR/Design Review of Major structures having length of more than 500 meter in last 7 years.  1project-2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks	3	3	3	(Pg 148,168,231)	
<b>Total</b>		<b>40</b>	<b>40</b>	<b>40</b>		

Experience in use of technology for road inspection						
2	Evaluation Criteria for assessment of experience in use of technology for road inspection					
S. No.	Description		Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection		7	5	5	Invoice(Pg 422)
1.1	Equipment		4	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		2	2	2	
	(b) Own Equipment		4	0	0	
1.2	Experience		3	3	3	>5 projects (Pg 433,436,438,440, 442,444)
(i)	1-2 projects	1				
(ii)	3-5 projects	2				
(iii)	> 5 projects	3				
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement		4	4	4	
2.1	Equipment		2	2	2	Pg 425
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	>3 projects (Pg 433,436,438,440, 442,444)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection		5	5	5	
3.1	Equipment		2	2	2	Pg 452
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3	3	3	>6projects (Pg455,458,460, 462,464,466)
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	4	4	
4.1	Equipment		2	2	2	Pg 429
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
4.2	Execution with owned / hired Equipment / through Associate		2	2	2	>3 projects (Pg 433,436,438,440, 442,444)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	18	18	

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

<b>3.1 Team Leader cum Senior Pavement Engineer: Umakanta Pani</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	Open University
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	4	4	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
<b>a)</b>	<b>Professional Experience in Highway Projects:</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	23 years exp.
ii)	Experience as Team Leader or similar capacity in Highway Development Projects(similar configuration (2/4/6 laning**) and above) < 5 years -0 5 years -11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	>9 years
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC 1 project -4 marks add 1 mark extra for additional projects subject to maximum1 (one) mark	5	5	5	Sr. no. 17, 18, 20
b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). < 2 projects -0 2 Projects -11 marks Add 2 marks for each additional project subject to maximum 4 marks.	15	15	15	Sr. no. 7,8,9,11
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above < 2 projects — 0 2 Projects — 16 marks Add 2 marks extra for each additional project subject to maximum 4 (four) marks	20	20	20	Sr. no. 12,14,15,16
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 14,15,16
3)	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	
<b>Total:</b>		<b>100</b>	<b>95</b>	<b>95</b>	
		<b>12</b>	<b>11.40</b>	<b>11.40</b>	
<b>Age on bid due date: Not more than 65 years.</b>					DOB-05/6/1970 (49.5 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR).</p> <p>ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision)</p> <p>iii) In Government Organizations: Superintending Engineer (or equivalent) and above</p> <p>(2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not &lt; 9 months.</p> <p>(3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not &lt; 12 months.</p>					

### 3.2 Resident cum Highway Engineer-1: Jaiprakash Singh

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	>28 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer/Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	15 years,9 months
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 4,5,7,8
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 4,5
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-20/10/1962 (57 years)

Note:(1) Similar Capacity includes the following positions

- i) On behalf of Consultant: Resident / Highway Engineer
- ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)
- iii) In Government Organizations: 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 < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

**3.2 Resident cum Highway Engineer-2: Sankar Deb**

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	20 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	14 years,10 months
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 11,13,15,16
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 11,15,16
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-02/01/1964 (56 years)

Note:(1) Similar Capacity includes the following positions

- i) On behalf of Consultant: Resident / Highway Engineer
- ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)
- iii) In Government Organizations: 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 < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

### 3.3 Senior Quality cum Material Expert: Nune Kiran

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	4	4	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	16 years exp.
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	9 years
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	Sr. no. 4,6,8,10,
3	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	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>95</b>	
		<b>6</b>	<b>5.70</b>	<b>5.70</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-01/01/1981 (39 years)

Note:(1) Similar Capacity includes the following positions

- On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.
- On behalf of Government: Executive Engineer

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

**3.6 Senior Quantity Surveyor: Ashoka Nand Jha**

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>20</b>	<b>20</b>	
I)	Graduate in Civil Engineering	20	20	20	
II)	Post Graduate in Construction Management/ Post Graduate in Construction Engineering/ Certificate Course in Management/ Certificate Course in Construction Management/ Certificate Course in Contract Management or equivalent	5	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>60</b>	<b>60</b>	<b>60</b>	
<b>a)</b>	<b>Experience in handling highway contracts</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 15 years	15	15	15	28 years exp.
	Additional 1 Mark for each addition year	5	5	5	
<b>b)</b>	<b>Experience as Quantity Surveyor in Highway/ Expressway / bridge project</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 10 years	15	15	15	17 years, 9 months
	Additional 1 Mark for each addition year	5	5	5	
<b>c)</b>	<b>Experience as Quantity Surveyor in construction supervision of two/four of lane highway</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	2 projects with minimum 2 years period in each project	15	15	15	Sr. no. 2,3,6,8
	Additional 2.5 marks for each project with minimum 2 years period	5	5	5	
<b>3</b>	<b>Familiarity with the language and the conditions of India including North East Region</b>	<b>15</b>	<b>15</b>	<b>15</b>	
i)	Experience in India	10	10	10	
	Minimum 2 Years	7.5	7.5	7.5	
	Additional 1.25 marks for each additional year	2.5	2.5	2.5	
ii)	Experience in North East Region	5	5	5	
	Minimum 1 Years	3.75	3.75	3.75	Sr. no. 7
	Additional 1.25 marks for additional year	1.25	1.25	1.25	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>95</b>	
		<b>6</b>	<b>5.70</b>	<b>5.70</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-05/11/1963 (56 years)

3.7 Road Safety Expert: Yogesh, V.K					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	25	25	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	
2	<b>Adequacy for the Project</b>	70	70	52.5	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	19 years & 7 months
ii)	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above). <5years-0 5 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	0	4 years 5 months (Refer Project at Sr. no. 33, 34, 35)
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20	20	17.5	3 Nos. (Refer Project at Sr. no. 33, 34, 35)
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	10	3 Nos. (Refer Project at Sr. no. 33, 34, 35)
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks	5	5	5	2 Nos. (Refer Project at Sr. no. 33, 34)
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	2 Nos. (Refer Project at Sr. no. 33, 34)
3)	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	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>77.5</b>	
		<b>4</b>	<b>3.80</b>	<b>3.10</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-06/02/1975 (49 years)

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant/Contractor: Road Safety Expert

ii) In Government Organizations: 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 < 6 months

Project Name: Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode

Firm Name: M/s G-ENG Advisory Services pvt. Ltd. in JV with MARC Technocrats Pvt. Ltd. in association with Global Infra Solutions

Sr. No.	Particulars		Max Points	Points Scored	% Marks
1	Relevant experience for the assignment		40	40.00	
2	Experience in use of technology for road inspection		20	20.00	
3	Qualifications and competence of the key staff for the assignment		40	36.81	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	6	5.46	91
		Resident cum Highway Engineer 2	6	5.70	95
		Senior Quality cum Material Expert	6	5.46	91
		Senior Quantity Surveyor	6	5.63	94
		Road Safety Expert	4	3.64	91
Total Marks				96.81	

Relevant experience for the assignment						
1	Evaluation Criteria for Assessment of Experience of the Firm.					
S. No.	Description		Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business		2	2	2	<b>G-Eng Advisory:</b> (14.10+9.56+6.91)/3= 10.19 Cr. <b>MARC:</b> (19.03+18.39+13.45)/ 3= 16.96 Cr. Total= 27.15 Cr. (Refer pg. no. 49 & 155)
	< Rs. 15.11 Cr.- 0 marks					
	Rs. 15.11 Cr. - 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs.15.11 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	36 key personnel (Pg350-372)
2.1	<10	0				
2.2	10-20	8				
2.3	>20 but ≤30	9				
2.4	>30	10				
<b>*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.</b>						
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years.  1 project – 8 marks, Add 1(one) mark extra for completed assignment of Authority Engineer / Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.		10	10	10	Sr. no. 2 (G-Eng) (Pg 201) Sr. no. 2,3,9 (Marc) (Pg 219)
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length equal to 24.88km or more in last 7 years.  1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.		5	5	5	Sr. no. 2,3,5 (G-Eng) (Pg 240) Sr. no. 1(Marc) (Pg 257)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	Sr. no. 1 (G-Eng) (Pg 301) Sr. no. 3,4,6,7,8(Marc) (Pg 308)
5.1	<2	0				
5.2	2-5	5				
5.3	>5	10				
6	Experience in Construction Supervision / DPR/Design Review of Major structures having length of more than 500 meter in last 7 years.  1project-2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks		3	3	3	Sr. no. 2 (G-Eng) (Pg 333) Sr. no. 1,2,3(Marc) (Pg 335)
<b>Total</b>			<b>40</b>	<b>40</b>	<b>40</b>	

Experience in use of technology for road inspection						
2	Evaluation Criteria for assessment of experience in use of technology for road inspection					
S. No.	Description		Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection		7	7	7	Invoice(Pg 415)
1.1	Equipment		4	4	4	
	(a) Equipment on MOU with Associate or on hiring basis		2	0	0	
	(b) Own Equipment		4	4	4	
1.2	Experience		3	3	3	>5 projects (Pg 444,446,452, 458,461,476)
(i)	1-2 projects	1				
(ii)	3-5 projects	2				
(iii)	> 5 projects	3				
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement		4	4	4	
2.1	Equipment		2	2	2	Pg 417
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	>4 projects (Pg 444,446,452, 458)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection		5	5	5	Pg 419-420
3.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3	3	3	>6projects (Pg444,446,452, 461, 468,472)
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	4	4	Pg 422
4.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
4.2	Execution with owned / hired Equipment / through Associate		2	2	2	>4 projects (Pg 444,446,452, 458)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	20	20	

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

<b>3.1 Team Leader cum Senior Pavement Engineer: Chodavarapu Subrahmanya Sastry</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
<b>a)</b>	<b>Professional Experience in Highway Projects:</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	>28 years exp.
ii)	Experience as Team Leader or similar capacity in Highway Development Projects(similar configuration (2/4/6 laning**) and above) < 5 years -0 5 years -11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	>14 years
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC 1 project -4 marks add 1 mark extra for additional projects subject to maximum 1 (one) mark	5	5	5	Sr. no. 6,13
b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). < 2 projects -0 2 Projects -11 marks Add 2 marks for each additional project subject to maximum 4 marks.	15	15	15	Sr. no. 11,12,15,16
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above < 2 projects — 0 2 Projects — 16 marks Add 2 marks extra for each additional project subject to maximum 4 (four) marks	20	20	20	Sr. no. 9,14,18,20
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 17,19
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>12</b>	<b>10.92</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-08/12/1961 (58 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR).</p> <p>ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision)</p> <p>iii) In Government Organizations: Superintending Engineer (or equivalent) and above</p> <p>(2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not &lt; 9 months.</p> <p>(3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not &lt; 12 months.</p>					

### 3.2 Resident cum Highway Engineer-1: Satish Raj

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	>29 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	>18 years
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 8,11,12,13
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 14,16
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-03/4/1963 (56.5 years)

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant: Resident / Highway Engineer

ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)

iii) In Government Organizations: 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 < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

### 3.2 Resident cum Highway Engineer-2: Manoj Kumar

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	4	4	Open University
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	>18 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	11 years
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 4,5,6,8,9
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 4,5
3)	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	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>95</b>	
		<b>6</b>	<b>5.70</b>	<b>5.70</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-12/05/1974 (46 years)

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant: Resident / Highway Engineer

ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)

iii) In Government Organizations: 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 < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

### 3.3 Senior Quality cum Material Expert: Shriram Damodhar Deshmukh

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	29 years exp.
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	16.5 years
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	Sr. no. 4,5,6,7
3	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-13/02/1963 (57years)

Note:(1) Similar Capacity includes the following positions

- On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.
- On behalf of Government: Executive Engineer

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

**3.6 Senior Quantity Surveyor: Bijay Kumar Sharma**

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>20</b>	<b>20</b>	
I)	Graduate in Civil Engineering	20	20	20	Institution of Engineer
II)	Post Graduate in Construction Management/ Post Graduate in Construction Engineering/ Certificate Course in Management/ Certificate Course in Construction Management/ Certificate Course in Contract Management or equivalent	5	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>60</b>	<b>60</b>	<b>60</b>	
<b>a)</b>	<b>Experience in handling highway contracts</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 15 years	15	15	15	30 years exp.
	Additional 1 Mark for each addition year	5	5	5	
<b>b)</b>	<b>Experience as Quantity Surveyor in Highway/ Expressway / bridge project</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 10 years	15	15	15	16 years, 9 months
	Additional 1 Mark for each addition year	5	5	5	
<b>c)</b>	<b>Experience as Quantity Surveyor in construction supervision of two/four of lane highway</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	2 projects with minimum 2 years period in each project	15	15	15	
	Additional 2.5 marks for each project with minimum 2 years period	5	5	5	
<b>3</b>	<b>Familiarity with the language and the conditions of India including North East Region</b>	<b>15</b>	<b>13.75</b>	<b>13.75</b>	
i)	Experience in India	10	10	10	
	Minimum 2 Years	7.5	7.5	7.5	
	Additional 1.25 marks for each additional year	2.5	2.5	2.5	
ii)	Experience in North East Region	5	3.75	3.75	
	Minimum 1 Years	3.75	3.75	3.75	Sr. no. 10
	Additional 1.25 marks for additional year	1.25	0	0	
	<b>Total:</b>	<b>100</b>	<b>93.75</b>	<b>93.75</b>	
		<b>6</b>	<b>5.63</b>	<b>5.63</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-06/01/1965 (55 years)

### 3.7 Road Safety Expert: Satya Pal Sighmar

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	27 years & 6 months
ii)	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above). <5years-0 5 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	9 years,7 months
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20	20	20	Sr. no. 20,21,22,23
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	10	Sr. no. 20,21,22,25
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks	5	5	5	Sr. no. 20,21,22,25
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	Sr. no. 20,21,22,25
3)	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	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>91</b>	
		<b>4</b>	<b>3.80</b>	<b>3.64</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-15/9/1960 (59.5 years)

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant/Contractor: Road Safety Expert

ii) In Government Organizations: 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 < 6 months

Project Name: Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode.

Firm Name: M/s Eptisa Servicios de Ingenieria S.L. in JV with M/s Satra Infrastructure Mangement Services Pvt. Ltd. in association with Anandjiwala Infra Advisory

Sr. No.	Particulars		Max Points	Points Scored	% Marks
1	Relevant experience for the assignment		40	40.00	
2	Experience in use of technology for road inspection		20	17.00	
3	Qualificationsandcompetence ofthekeystafffortheassignment		40	37.31	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	11.16	93
		Resident cum Highway Engineer 1	6	5.63	94
		Resident cum Highway Engineer 2	6	5.55	93
		Senior Quality cum Material Expert	6	5.46	91
		Senior Quantity Surveyor	6	5.70	95
		Road Safety Expert	4	3.80	95
Total Marks				94.31	

**Evaluation Criteria for Assessment of Experience of the Firm**

Evaluation Criteria for Assessment of Experience of the Firm					
S. No.	Description	Max. Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business < Rs. 15.11 Cr. – 0 marks Rs. 15.11 Cr. – 1.5 marks Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs. 15.11 Cr. subject to maximum 0.5 marks.	2	2	2	<b>Eptisa:</b> (808.78+774.06+654.50)/3= 744.45 Cr. <b>SIMSPL:</b> (46.35+43.68+42.79)/3= 44.27 Cr. <b>Total= 788.72 Cr.</b> (Refer pg. no. 405 & 407)
2	Nos. of Highway Professionals with the firm *	10	10	10	<b>Eptisa: 30, SIMSPL: 26</b> <b>Total= 56 nos.</b> (Refer pg. no. 145, 146 and 368, 369)
2.1	<10	0	0	0	
2.2	>10 but ≤20	8	-	-	
2.3	>20 but ≤30	9	-	-	
2.4	>30	10	10	10	
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.					
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years. 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.	10	10	10	Eptisa: 04 Nos., SIMSPL: 03 Nos. (Refer pg. no. 38 to 80 and 242 to 250)
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years. 1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.	5	5	5	Eptisa: 05 Nos., SIMSPL: 06 Nos. (Refer pg. no. 81 to 104 and 251 to 266)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	Eptisa: 04 Nos., SIMSPL: 06 Nos. (Refer pg. no. 105 to 143 and 267 to 366)
5.1	<2	0			
5.2	>2 & <5	5			
5.3	>5	10	10	10	
6	Experience in Construction Supervision/DPR/Design Review of Major structures having length of more than 500 meter in last 7 years. 1 project – 2.0 marks Add 0. 5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks	3	3	3	Eptisa: 05 Nos. (Refer pg. no. 148 to 198)
Total Marks		40	40	40	

**Note 1:** In case of JV, the turnover and experience details of Lead and JV partners to be added.

**Note 2:** Employer's certificate/ certificate from Statutory Auditor should be submitted substantiating the experience/turnover claimed by the firm.

**Note 3:** \*\* For 4/6 laning projects, experience of 2 lane will be considered with a multiplication factor of 0.4, but only for those 2 lane projects whose cost of consultancy services was more than Rs.3.0 crores.

Evaluation sheet for assessment of experience in use of technology for road inspection					
S. No.	Description	Maximum Points	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	<b>Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection</b>	7	7	7	
1.1	Equipment	4	4	4	
	(a) Equipment on MOU with Associate or on hiring basis- 2 marks				
	(b) Own Equipment – 4 marks				Refer pg. no. 430 to 445
1.2	Experience	3	3	3	(Refer pg. no. 456, 462, 466, 469, 472, 476 etc.)
(i)	1-2 projects	1			
(ii)	3-5 projects	2			
(iii)	> 5 projects	3			
2	<b>Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement</b>	4	4	4	
2.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Refer pg. no. 446 to 448
2.2	Experience	2	2	2	(Refer pg. no. 456, 462, 469, 472 etc.)
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
3	<b>Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection</b>	5	4	4	
3.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Refer pg. no. 450
3.2	Experience	3	2	2	(Refer pg. no. 505/543, 509, 550, 558, 561)
(i)	1-2 Projects	1			
(ii)	3-5 Projects	2			
(iii)	> 5 Projects	3			
4	<b>Experience in Retro reflectometer technology</b>	4	2	2	
4.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Refer pg. no. 449
4.2	Execution with owned/hired Equipment/through Associate	2	0	0	No experience
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
	<b>Total</b>	<b>20</b>	<b>17</b>	<b>17</b>	

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

<b>3.1 Team Leader cum Senior Pavement Engineer: Virendra Kumar Roy</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	B. Sc. (Civil Engineering), Bihar University (Refer pg. no. 581)
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	4	4	M.E. (Transportation & Highway) <b>Distance Learning</b> (Refer pg. no. 582)
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>68</b>	<b>68</b>	
a)	Professional Experience in Highway Projects:				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	26.54 years exp.
ii)	Experience as Team Leader or similar capacity in Highway Development Projects(similar configuration (2/4/6 laning**) and above) < 5 years -0 5 years -11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	21.29 years exp.
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC 1 project -4 marks add 1 mark extra for additional projects subject to maximum1 (one) mark	5	5	5	Sl. no. 5,11,12,13,15
b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). < 2 projects -0 2 Projects -11 marks Add 2 marks for each additional project subject to maximum 4 marks.	15	13	13	Sl. no. 11,12,13
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above < 2 projects — 0 2 Projects — 16 marks Add 2 marks extra for each additional project subject to maximum 4 (four) marks	20	20	20	Sl. no. 3,5,6,7,9,10,14,15
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sl. No. 4,8
<b>3</b>	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	<b>5</b>	<b>0</b>	<b>0</b>	Not employed with firm (Refer pg. no. 572)
	<b>Total:</b>	<b>100</b>	<b>93</b>	<b>93</b>	
		<b>12</b>	<b>11.16</b>	<b>11.16</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-02/03/1960 (60.08 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above  (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months.  (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.					

3.2 Resident cum Highway Engineer-1: Radhakant Upadhyay					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	25	25	
i)	Graduate in Civil Engineering	21	21	21	B.E. (Civil) Bangalore University (Refer pg. no. 638)
ii)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	4	4	M. Tech. (Highway & Transportation) (Karnataka State Open University) (Refer pg. no. 639)
2	<b>Adequacy for the Project</b>	70	69	68.86	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	19	18.86	14.86 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	12.87 years exp.
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 3 to 10 & 12
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 3,4,5,7,8,9,10,12
3	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	Not employed with firm, (Refer pg. no. 630)
	<b>Total:</b>	100	94	93.86	
		6	5.64	5.63	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-21/01/1982 (38.18 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant: Resident / Highway Engineer</p> <p>ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)</p> <p>iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

3.2 Resident cum Highway Engineer-2: Tushar Subhra Maiti					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	25	25	
I)	Graduate in Civil Engineering	21	21	21	B.Tech. (Civil) CSJM University, Kanpur (Refer pg. no. 686)
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	4	4	M.Tech in Transportation
2	<b>Adequacy for the Project</b>	70	67	64.57	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	19	18.07	14.07 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	18	16.5	6.50 years exp.
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 6,12,13,15,16
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 6,15,16
3	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	1.5	3	Employed with firm: 1.2 years (Refer pg. no. 679)
	<b>Total:</b>	100	93.5	92.57	
		6	5.61	5.55	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-19/12/1977 (42.27 years)
<p><b>Note:</b>(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

### 3.3 Senior Quality cum Material Expert: Srinivasa Rao Vankayala

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	B. Tech. in Civil Engineering (Refer pg. no. 742)
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	16 years exp.
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	> 10 years exp.
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	Sr. no. 2,3,4,5
<b>3</b>	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	<b>5</b>	<b>0</b>	<b>0</b>	Not employed with the firm
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-15/06/1982 (37.78 years)

Note:(1) Similar Capacity includes the following positions

- On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.
- On behalf of Government: Executive Engineer

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months

(3) In case of experience on behalf of Authority's Engineer 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 Porta will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/- CV, which may result in debarment.

3.6 Senior Quantity Surveyor: Suman Barua					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	25	25	
I)	Graduate in Civil Engineering	20	20	20	B.E. Civil
II)	Post Graduate in Construction Management/ Post Graduate in Construction Engineering/ Certificate Course in Management/ Certificate Course in Construction Management/ Certificate Course in Contract Management or equivalent	5	5	5	MBA, (Refer pg. no. 780)
2	<b>Adequacy for the Project</b>	60	55	55	
a)	<b>Experience in handling highway contracts</b>	20	15	15	
i)	Minimum 15 years	15	15	15	Sr no. 3-6, 12-16, 1 & 22 15 years exp.
	Additional 1 Mark for each addition year	5	0	0	
b)	<b>Experience as Quantity Surveyor in Highway/ Expressway / bridge project</b>	20	20	20	
i)	Minimum 10 years	15	15	15	Sr no. 3-6, 12-16, 1 & 22 15 years exp.
	Additional 1 Mark for each addition year	5	5	5	
c)	<b>Experience as Quantity Surveyor in construction supervision of two/four of lane highway</b>	20	20	20	
i)	2 projects with minimum 2 years period in each project	15	15	15	Sr. no. 4,5,6,14,16
	Additional 2.5 marks for each project with minimum 2 years period	5	5	5	
3	<b>Familiarity with the language and the conditions of India including North East Region</b>	15	15	15	
i)	Experience in India	10	10	10	
	Minimum 2 Years	7.5	7.5	7.5	24 years exp.
	Additional 1.25 marks for each additional year	2.5	2.5	2.5	
ii)	Experience in North East Region	5	5	5	
	Minimum 1 Years	3.75	3.75	3.75	Sr. no. 16
	Additional 1.25 marks for additional year	1.25	1.25	1.25	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>95</b>	
		<b>6</b>	<b>5.70</b>	<b>5.70</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-18/05/1972 (47.86 years)

3.5 Road safety Expert: Suvendu Seth					
S. No.	Description	Max. Points	Marks self assessed by Bidder	Marks obtained	Reference/ Details of projects Claimed for self- assessment
1	<b>General Qualification</b>	25	25	25	
	i) Graduate in Civil Engineering	21	21	21	Bachelor in Civil Engineering (Refer pg. no. 847)
	ii) Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	M.S. in Civil Engineering (Refer pg. no. 848)
2	<b>Adequacy for the Project</b>	70	70	70	
	<b>Professional Experience</b>				
	i) Total Professional Experience in handling Highway/Bridge projects				
	< 10 years -0				
	10 years -11 marks	15	15	15	>24 years exp.
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
	ii) Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6 laning**) and above).				
	< 5 years -0	15	15	15	>24 years exp
	5 years -11 marks				
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
	iii) Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage				
	< 2 nos. -0	20	20	20	S. No. 41,47,48,49,51,64-69
	2 nos. -15 marks				
	Add 2.5 marks extra for each additional project subject to maximum 5 marks.				
	iv) Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)				
	< 2 nos. -0	10	10	10	S. No. 41,47,48,49,51,64-69
	2 nos. -8 marks				
	Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.				
	v) Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway				
	1 project -4 marks	5	5	5	S. No. 70,71
	2 or more -5 marks				
	vi) Experience in similar capacity in field of Road Safety Management Plan				
	1 project -4 marks	5	5	5	S. No. 42,47,48,49,51,64,65,67
	2 or more -5 marks				
	<b>3 Employment with the Firm</b>				
	<1 year- 0				
	1 year – 3 marks	5	0	0	Not employed with the firm
	Add 0.5 marks for each subsequent year subject to maximum 2 marks				
	<b>Total :</b>	100	95	95	
		4	3.8	3.8	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-29/08/1966 (53.58 years)
<b>Note:</b> (1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Road Safety Expert ii) In Government Organizations: 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 < 6 months					

Project Name: Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode

Firm Name: M/s K&J Projects Private Limited in association with Ceinsys Tech Ltd.

Sr. No.	Particulars		Max Points	Points Scored	% Marks
1	Relevant experience for the assignment		40	40.00	
2	Experience in use of technology for road inspection		20	18.00	
3	Qualifications and competence of the key staff for the assignment		40	36.58	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	6	5.46	91
		Resident cum Highway Engineer 2	6	5.46	91
		Senior Quality cum Material Expert	6	5.46	91
		Senior Quantity Surveyor	6	5.64	94
		Road Safety Expert	4	3.64	91
Total Marks				94.58	

Relevant experience for the assignment						
1	Evaluation Criteria for Assessment of Experience of the Firm.					
S. No.	Description		Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business		2	2	2	Rs 43.95 Cr (Pg28)
	< Rs. 15.11 Cr.- 0 marks					
	Rs. 15.11 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs.15.11 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	34 key personnel (Pg211)
2.1	<10	0				
2.2	20-Oct	8				
2.3	>20 but ≤30	9				
2.4	>30	10				
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.						
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years.  1 project – 8 marks, Add 1(one) mark extra for completed assignment of Authority Engineer / Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.		10	10	10	Sr. no. 1,2,4,5,7 (Pg 35-37)
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length equal to 24.88km or more in last 7 years.  1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.		5	5	5	Sr. no. 1,8,9,10 (Pg 97-108)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	9 projects (Pg 163)
5.1	<2	0				
5.2	2-5	5				
5.3	>5	10				
6	Experience in Construction Supervision / DPR/Design Review of Major structures having length of more than 500 meter in last 7 years.  1project-2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks		3	3	3	Sr. no. 1,2,5,9,11 (Pg 97-109)
Total			40	40	40	

Experience in use of technology for road inspection						
2	Evaluation Criteria for assessment of experience in use of technology for road inspection					
S. No.	Description		Max Marks	Marks obtained	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection		7	5	5	Associate Member (Pg 4), Invoice(Pg 237 -239)
1.1	Equipment		4	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		2	2	2	
	(b) Own Equipment		4	0	0	
1.2	Experience		3	3	3	>8 projects (Pg 258-273)
(i)	1-2 projects	1				
(ii)	3-5 projects	2				
(iii)	> 5 projects	3				
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement		4	4	4	
2.1	Equipment		2	2	2	Pg 240 to 245
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	>7 projects (Pg 274-287)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection		5	5	5	Pg 246 to 252
3.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3	3	3	>9 projects (Pg 288-322)
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	4	4	Pg 253 to 257
4.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
4.2	Execution with owned / hired Equipment / through Associate		2	2	2	>5 projects (Pg 323-332)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	18	18	

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

<b>3.1 Team Leader cum Senior Pavement Engineer: Col. Deepak Gupta</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
<b>a)</b>	<b>Professional Experience in Highway Projects:</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	40 years exp.
ii)	Experience as Team Leader or similar capacity in Highway Development Projects(similar configuration (2/4/6 laning**) and above) < 5 years -0 5 years -11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	>16 years
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC 1 project -4 marks add 1 mark extra for additional projects subject to maximum1 (one) mark	5	5	5	Sr. no. 15, 18, 20
b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). < 2 projects -0 2 Projects -11 marks Add 2 marks for each additional project subject to maximum 4 marks.	15	15	15	Sr. no. 9,13,14,21
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above < 2 projects — 0 2 Projects — 16 marks Add 2 marks extra for each additional project subject to maximum 4 (four) marks	20	20	20	Sr. no. 20,22,23,25
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 10,16,18,24
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>12</b>	<b>10.92</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-31/8/1956 (63.5 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR).</p> <p>ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision)</p> <p>iii) In Government Organizations: Superintending Engineer (or equivalent) and above</p> <p>(2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not &lt; 9 months.</p> <p>(3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not &lt; 12 months.</p>					

3.2 Resident cum Highway Engineer-1: Ashok Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	<b>Adequacy for the Project</b>	70	70	70	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	>29 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	>20 years
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 5,6,7,9
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 10,17
3)	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	
	<b>Total:</b>	100	91	91	
		6	5.46	5.46	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-20/10/1962 (57 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant: Resident / Highway Engineer</p> <p>ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)</p> <p>iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

### 3.2 Resident cum Highway Engineer-2: Anjani Kumar Singh

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	>20 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	>14 years exp. (sr. no. 2,3,4,5,6,7,8,9)
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 2,3,4,5,6
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 4,5,6
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-16/2/1971 (49 years)

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant: Resident / Highway Engineer

ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision)

iii) In Government Organizations: 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 < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

### 3.3 Senior Quality cum Material Expert: Surya Bhushan Singh

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	22 years exp.
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	17 years
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	Sr. no. 4,5,6,7
3	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-02/09/1966 (53.5 years)

Note:(1) Similar Capacity includes the following positions

- On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.
- On behalf of Government: Executive Engineer

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months

(3) In case of experience on behalf of Authority's Engineer 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.

3.6 Senior Quantity Surveyor: Chittaranjan Nath					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>20</b>	
I)	Graduate in Civil Engineering	20	21	20	
II)	Post Graduate in Construction Management/ Post Graduate in Construction Engineering/ Certificate Course in Management/ Certificate Course in Construction Management/ Certificate Course in Contract Management or equivalent	5		0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>60</b>	<b>54</b>	<b>59</b>	
a)	<b>Experience in handling highway contracts</b>	<b>20</b>	<b>15</b>	<b>20</b>	
i)	Minimum 15 years	15	15	15	27 years exp.
	Additional 1 Mark for each addition year	5	0	5	
b)	<b>Experience as Quantity Surveyor in Highway/ Expressway / bridge project</b>	<b>20</b>	<b>19</b>	<b>19</b>	
i)	Minimum 10 years	15	15	15	14 years,10 months
	Additional 1 Mark for each addition year	5	4	4	
c)	<b>Experience as Quantity Surveyor in construction supervision of two/four of lane highway</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	2 projects with minimum 2 years period in each project	15	15	15	Sr. no. 7,11,12,13
	Additional 2.5 marks for each project with minimum 2 years period	5	5	5	
<b>3</b>	<b>Familiarity with the language and the conditions of India including North East Region</b>	<b>15</b>	<b>15</b>	<b>15</b>	
i)	Experience in India	10	10	10	
	Minimum 2 Years	7.5	7.5	7.5	
	Additional 1.25 marks for each additional year	2.5	2.5	2.5	
ii)	Experience in North East Region	5	5	5	
	Minimum 1 Years	3.75	3.75	3.75	Sr. no. 13
	Additional 1.25 marks for additional year	1.25	1.25	1.25	
	<b>Total:</b>	<b>100</b>	<b>90</b>	<b>94</b>	
		<b>6</b>	<b>5.40</b>	<b>5.64</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-30/06/1969 (50.5 years)

### 3.7 Road Safety Expert: Rajesh Chand Mehta

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	38 years & 9 months
ii)	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above). <5years-0 5 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	17 years,6 months (sr. no. 3,4,5,6)
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20	20	20	Sr. no. 16,18,23,24
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	10	Sr. no. 91, 92,100,102,
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks	5	5	5	Sr. no. 16,18,23,24
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	Sr. no. 28,31
3)	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>4</b>	<b>3.64</b>	<b>3.64</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-15/8/1958 (61.5 years)

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant/Contractor: Road Safety Expert

ii) In Government Organizations: 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 < 6 months

Project Name: Consultancy services as Authority's Engineer for Supervision of "Rehabilitation and Up-gradation to 2 lane with paved shoulders of Seling-Dulte section (Economic Corridor) of NH-6 from Existing chainage Km 0+000 to Km 69+015 (Design Chainage Km 0+000 to Km 62+200) in the State of Mizoram under Bharatmala Pariyojna on EPC mode

Firms Name: M/s Feedback Infra Pvt. Ltd. in association with Sri Infotech

Sr. No.	Particulars		Max Points	Points Scored	% Marks	
1	Relevant experience for the assignment		40	40.00		
2	Experience in use of technology for road inspection		20	20.00		
3	Qualifications and competence of the key staff for the assignment		40	37.42		
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	11.40		95
		Resident cum Highway Engineer 1	6	5.46		91
		Resident cum Highway Engineer 2	6	5.46		91
		Senior Quality cum Material Expert	6	5.70	95	
		Senior Quantity Surveyor	6	5.40	90	
		Road Safety Expert	4	4.00	100	
Total Marks				97.42		

**Evaluation Criteria for Assessment of Experience of the Firm**

S. No.	Description	Max. Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business < Rs. 15.11 Cr. – 0 marks Rs. 15.11 Cr. – 1.5 marks Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs. 15.11 Cr. subject to maximum 0.5 marks.	2	2	2	329.87+257.18 (329.87+257.18+204.22)/3= 262.42 Cr. 263.76 Cr. (Refer pg. no. 330 to 336)
2	Nos. of Highway Professionals with the firm *	10	10	10	48 Personnel (Refer pg. no. 334 to 337)
2.1	<10	0	0	0	
2.2	>10 but ≤20	8	-	-	
2.3	>20 but ≤30	9	-	-	
2.4	>30	10	10	10	
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.					
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years. 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.	10	10	10	15 Nos. (Refer pg. no. 29 to 153)
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length equal to 24.88 km or more in last 7 years. 1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.	5	5	5	16 Nos. (Refer pg. no. 154 to 276)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	6 Nos. (Refer pg. no. 274 to 328)
5.1	<2	0			
5.2	>2 & <5	5			
5.3	>5	10	10	10	
6	Experience in Construction Supervision/DPR/Design Review of Major structures having length of more than 500 meter in last 7 years. 1 project – 2.0 marks Add 0. 5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks	3	3	3	15 Nos. (Refer pg. no. 29 to 276)
<b>Total Marks</b>		<b>40</b>	<b>40</b>	<b>40</b>	

**Note 1:** In case of JV, the turnover and experience details of Lead and JV partners to be added.

**Note 2:** Employer's certificate/ certificate from Statutory Auditor should be submitted substantiating the experience/turnover claimed by the firm.

**Note 3:** \*\* For 4/6 laning projects, experience of 2 lane will be considered with a multiplication factor of 0.4, but only for those 2 lane projects whose cost of consultancy services was more than Rs.3.0 crores.

Evaluation sheet for assessment of experience in use of technology for road inspection					
S. No.	Description	Maximum Points	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	<b>Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection</b>	7	7	7	
1.1	Equipment	4	4	4	
	(a) Equipment on MOU with Associate or on hiring basis- 2 marks				
	(b) Own Equipment – 4 marks				Refer pg. no. 409
1.2	Experience	3	3	3	(Refer pg. no. 436, 444, 445, 447, 453, 456 etc.)
(i)	1-2 projects	1			
(ii)	3-5 projects	2			
(iii)	> 5 projects	3			
2	<b>Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement</b>	4	4	4	
2.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Refer pg. no. 416, 418
2.2	Experience	2	2	2	(Refer pg. no. 388,390,392,395, 432 etc.)
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
3	<b>Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection</b>	5	5	5	
3.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Refer pg. no. 376
3.2	Experience	3	3	3	(Refer pg. no. 377, 401, 407, 447, 463, 466, 472 etc)
(i)	1-2 Projects	1			
(ii)	3-5 Projects	2			
(iii)	> 5 Projects	3			
4	<b>Experience in Retro reflectometer technology</b>	4	4	4	
4.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				Refer pg. no. 411
4.2	Execution with owned/hired Equipment/through Associate	2	2	2	(Refer pg. no. 401, 403, 405, 407, 447 etc.)
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
	<b>Total</b>	<b>20</b>	<b>20</b>	<b>20</b>	

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

<b>3.1 Team Leader cum Senior Pavement Engineer: Dr. Vivek Naidu</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	BE (Structural Engineering), Nagpur University (Refer pg. no. 533)
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	4	4	MBA, M.Tech. (Urban Planning), Ph.D. (Civil Engineering) (Refer pg. no. 534-536)
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
a)	Professional Experience in Highway Projects:				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	30.49 years exp.
ii)	Experience as Team Leader or similar capacity in Highway Development Projects(similar configuration (2/4/6 laning**) and above) < 5 years -0 5 years -11 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	26.78 years exp.
iii)	Experience as Team Leader or similar capacity in Highway Development projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) on EPC 1 project -4 marks add 1 mark extra for additional projects subject to maximum1 (one) mark	5	5	5	Sl. no. 3,6,11
b)	Experience as Team Leader or similar capacity of project Preparation including design of major highway Project (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). < 2 projects -0 2 Projects -11 marks Add 2 marks for each additional project subject to maximum 4 marks.	15	15	15	Sl. no. 18,19,21,24,25
c)	Experience in position of Team Leader/Project Manager or similar capacity in Construction Supervision/IC involving length 40% of project length or more of similar configuration (2/4/6** laning) and above < 2 projects — 0 2 Projects — 16 marks Add 2 marks extra for each additional project subject to maximum 4 (four) marks	20	20	20	Sl. no. 3,6,9,10,16
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sl. No. 4,5,15
<b>3</b>	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	Not employed with firm, available for assignment (Refer pg. no. 524)
<b>Total:</b>		<b>100</b>	<b>95</b>	<b>95</b>	
		<b>12</b>	<b>11.40</b>	<b>11.40</b>	
<b>Age on bid due date: Not more than 65 years.</b>					DOB-17/02/1968 (52.11 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above</p> <p>(2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not &lt; 9 months.</p> <p>(3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not &lt; 12 months.</p>					

3.2 Resident cum Highway Engineer-1: Shankar Paul					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	25	21	
I)	Graduate in Civil Engineering	21	21	21	B.E. (Civil) NIT/REC, Silichar (Refer pg. no. 559)
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	4	0	MBA (Assam University) (Refer pg. no. 560)
2	<b>Adequacy for the Project</b>	70	70	70	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	18.80 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	14.24 years exp.
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 3,6,7,10,11,12
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 3,6,8,10,11,12
3	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	Not employed with firm, available for assignment (Refer pg. no. 524)
	<b>Total:</b>	100	95	91	
		6	5.70	5.46	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-22/01/1976 (44.18 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

3.2 Resident cum Highway Engineer-2: Ayan Bandyopadhyay					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	21	21	
i)	Graduate in Civil Engineering	21	21	21	B.Tech. (Civil) BIET, Jhansi (UPTU) (Refer pg. no. 572)
ii)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	-
2	<b>Adequacy for the Project</b>	70	70	70	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	16.04 years exp.
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	13.71 years exp.
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	Sr. no. 2,3,5,6
iv)	Experience in similar capacity of Highway Project of Construction/Construction Supervision/IC on EPC Mode(of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) 1 Project- 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark	5	5	5	Sr. no. 5,6
3	<b>Employment with the Firm</b> < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	Not employed with firm, available for assignment (Refer pg. no. 567)
	<b>Total:</b>	100	91	91	
		6	5.46	5.46	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-03/02/1975 (45.15 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer 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.</p>					

### 3.3 Senior Quality cum Material Expert: Binod Kumar

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	B.E. in Civil Engineering (Refer pg. no. 584)
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	4	4	M. Tech. In Geotechnical & Soil Mechanics (Refer pg. no. 585 to 588)
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	>28 years exp. Sr. no. 1 to 11
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	>20 years exp. Sr. no. 3 to 11
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	Sr. no. 3 to 11
3	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	Not employed with the firm
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>95</b>	
		<b>6</b>	<b>5.70</b>	<b>5.70</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-26/01/1964 (56.17 years)

Note:(1) Similar Capacity includes the following positions

- On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.
- On behalf of Government: Executive Engineer

(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months

(3) In case of experience on behalf of Authority's Engineer 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 Porta will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.

### 3.6 Senior Quantity Surveyor: Surendra Kumar

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>20</b>	<b>20</b>	
I)	Graduate in Civil Engineering	20	20	20	B. Sc. In Civil Engineering (Refer pg. no. 603)
II)	Post Graduate in Construction Management/ Post Graduate in Construction Engineering/ Certificate Course in Management/ Certificate Course in Construction Management/ Certificate Course in Contract Management or equivalent	5	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>60</b>	<b>60</b>	<b>60</b>	
<b>a)</b>	<b>Experience in handling highway contracts</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 15 years	15	15	15	>28 years exp. Sr. no. 1 to 11
	Additional 1 Mark for each addition year	5	5	5	
<b>b)</b>	<b>Experience as Quantity Surveyor in Highway/ Expressway / bridge project</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	Minimum 10 years	15	15	15	>20 years exp. Sr. no. 2 to 11
	Additional 1 Mark for each addition year	5	5	5	
<b>c)</b>	<b>Experience as Quantity Surveyor in construction supervision of two/four of lane highway</b>	<b>20</b>	<b>20</b>	<b>20</b>	
i)	2 projects with minimum 2 years period in each project	15	15	15	Sr. no. 3 to 8
	Additional 2.5 marks for each project with minimum 2 years period	5	5	5	
<b>3</b>	<b>Familiarity with the language and the conditions of India including North East Region</b>	<b>15</b>	<b>10</b>	<b>10</b>	
i)	Experience in India	10	10	10	
	Minimum 2 Years	7.5	7.5	7.5	> 24 years exp.
	Additional 1.25 marks for each additional year	2.5	2.5	2.5	
ii)	Experience in North East Region	5	0	0	
	Minimum 1 Years	3.75	0	0	Sr. no. 7
	Additional 1.25 marks for additional year	1.25	0	0	
	<b>Total:</b>	<b>100</b>	<b>90</b>	<b>90</b>	
		<b>6</b>	<b>5.40</b>	<b>5.40</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-16/2/1959 (61.12 years)

3.5 Road safety Expert: Prashanth Kalathil					
S. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed for self-assessment
1	General Qualification	25	25	25	
	i) Graduate in Civil Engineering	21	21	21	Bachelor in Civil Engineering (Refer pg. no. 621)
	ii) Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	M.Tech. in Civil Engineering (Refer pg. no. 622)
2	Adequacy for the Project	70	70	70	
	Professional Experience				
	i) Total Professional Experience in handling Highway/Bridge projects	15	15	15	>17 years exp. S. No. 1 to 41
	< 10 years -0				
	10 years -11 marks				
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
	ii) Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6 laning**) and above).	15	15	15	>14 years exp (S. No. 16,24,25,27,33, 37 to 41)
	< 5 years -0				
	5 years -11 marks				
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
	iii) Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage	20	20	20	(S. No. 16,24,25,27,33, 37 to 41)
	< 2 nos. -0				
	2 nos. -15 marks				
	Add 2.5 marks extra for each additional project subject to maximum 5 marks.				
	iv) Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)	10	10	10	(S. No. 16,24,25,27,33, 37 to 41)
	< 2 nos. -0				
	2 nos. -8 marks				
	Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.				
	v) Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway	5	5	5	(S. No. 16,24,25,27,33, 37 to 41)
	1 project -4 marks				
	2 or more -5 marks				
	vi) Experience in similar capacity in field of Road Safety Management Plan	5	5	5	(S. No. 16,24,25,27,33, 37,38)
	1 project -4 marks				
	2 or more -5 marks				
3	Employment with the Firm	5	5	5	Employed with the firm since April 2006 (Refer 622 to 625)
	<1 year- 0				
	1 year – 3 marks				
	Add 0.5 marks for each subsequent year subject to maximum 2 marks				
	Total :	100	100	100	
		4	4	4	
	Age on bid due date: Not more than 65 years.				DOB-21/05/1976 (43.85 years)
Note:					
(1) Similar Capacity includes the following positions					
i) On behalf of Consultant/Contractor: Road Safety Expert					
ii) In Government Organizations: 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 < 6 months					