

# राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार  
तीसरी मंजिल, पीटीआई बिल्डिंग, 4-संसद मार्ग, नई दिल्ली-110001

**National Highways & Infrastructure Development Corporation Limited**

Ministry of Road Transport & Highways, Govt. of India  
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**BHARATMALA**  
ROAD TO PROSPERITY



**NHIDCL**  
BUILDING INFRASTRUCTURE - BUILDING THE NATION  
CIN: U45400DL2014GOI269062

(भारत सरकार का उद्यम)

**NHIDCL/Nagaland/ KJ/ AE/123-2**

(A Government of India Enterprise)

**Dated: 24.09.2020**

To

**All the Technically Qualified Bidders**

**Subject:** Consultancy services for Authority's Engineer for Supervision of:

(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)

(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrura Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)

(iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrura Village) to existing km 76.320 (near Mesulum Village) [Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)-  
**Technical Evaluation Regd.**

1. Based on the Technical Evaluation, following firms are found technically qualified for the subject project. A copy of the Minutes of Meeting of the Technical Bid Evaluation Committee (TEC) is also enclosed herewith for information of applicant bidders.

S. No.	Name of Bidder	Responsiveness
1	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	Technically Responsive
2	M/s Marc Technocrats Private Limited	Technically Responsive
3	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	Technically Responsive
4	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	Technically Responsive
5	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	Technically Responsive
6	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	Technically Responsive
7	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Construction Private Limited	Technically Responsive

8	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	Technically Responsive
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2. Accordingly, the financial bid for the subject project shall be opened on 28.09.2020 at 1500 Hours at NHIDCL HQ.

Encl.: As above.



(A. K. Jha)

General Manager (Technical)

Email: [gm Nagaland.nhidcl@gmail.com](mailto:gm Nagaland.nhidcl@gmail.com)

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

**Minutes of Meeting** of Technical Bid Evaluation Committee (TEC) was held on 24.09.2020 to evaluate the Technical bids for Consultancy services for Authority's Engineer for Supervision of:

(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)

(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikruma Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)

(iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)

1. TEC had opened the Technical bids on 28.08.2020. The Technical Bid Evaluation Committee (TEC) met on 15.09.2020 to evaluate the proposals as per the terms of RFP document. TEC had observed that the participating firms as mentioned above in para 2(b) are technically qualified in terms of provisions of RFP. The Technical score of the firms are as under :

S. No.	Name of Bidder	Relevant Experience of the firm ( Total Score 40 )	Evaluation criteria for assessment of experience in use of technology for road inspection ( Total Score 20 )	Qualifications and competence of the key staff for the assignment ( Total Score 40 )	Total Score (Total Score 100)	Contracts awarded in NHIDCL (as per clause 23 of the RFP)
1	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	38.75	15	36.56	90.31	1
2	M/s Marc Technocrats Private Limited	39.50	20	36.54	96.04	0
3	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	40	19	36.04	95.04	0



4	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	40	20	36.83	<b>96.83</b>	<b>1 – Feedback 2- Satra</b>
5	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	39	18	37.34	<b>94.34</b>	<b>2</b>
6	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	40	16	36.73	<b>92.73</b>	<b>0</b>
7	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Construction Private Limited	40	15	36.66	<b>91.66</b>	<b>0</b>
8	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	40	20	36.61	<b>96.61</b>	<b>1</b>

2. TEC had decided to ask the bidders to submit their comments within 7 days i.e. 22.09.2020 (1700 Hours) as per Clause 10 (vii) data sheet of RFP. Accordingly, comments from M/s Marc Technocrats Private Limited, M/s Geo Designs and Research Pvt. Ltd. & M/s Redecon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited were received. However, no comments from rest of the bidders were received.

3. The details of comments from bidders and clarification from NHIDCL is as tabulated below:

S. No	Name of the bidder	Comments from bidders	Recommendation of the committee
1	M/s Marc Technocrats Private Limited- M/s G Eng Advisory Services Private Limited (JV)	It was requested that in the CV of Road Safety Expert (Sh. Abhishankar Parashar), the maximum marks that can be awarded for experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning) and above is 10. However, Zero marks	The evaluation committee taking cognizance of the request from M/s Marc Technocrats Private Limited reevaluated their technical bid and found that due to a clerical mistake, Zero marks had been awarded to them instead of 10 in the CV of Road Safety expert. Accordingly, the



		have awarded to them for this criteria even though the CV has requisite number of projects for award of 10 marks	10 marks has now been incorporated for road safety expert in revised TEC.
2	M/s Geo Designs and Research Pvt. Ltd.	<p>1. M/s Geo Designs and Research Pvt. Ltd. have requested that in the CV of Shri K J V Ramana Rao, 85 instead of 95 marks as claimed by them have been awarded with zero marks being awarded for experience in similar capacity for identification &amp; improvement of black spots. They have further mentioned that earlier the same CV was awarded 94 marks and have requested to increase the marks to 95.</p> <p>2. They have also requested that they have been awarded 89 marks against the CV of Senior Pavement Specialist Mr. Kaushal Kishor (kaushal1984@hotmail.com) instead of 94 Marks claimed by us in the self-evaluation. Here, we have been awarded with 14 marks for the evaluation criteria given in clause No 3(3.5) in (i) Highways/Roads/Air Field Runway &lt; 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks". In this regards, it seems that there is some typographical error as you have identified years of experience under this criteria is 14 years whereas you have awarded only 14 marks instead of 19 marks, Hence you are requested to rectify the typographical error and award 94 marks here. Thus our overall score must be raised with 0.3 marks due to this correction</p>	<p>1.The evaluation committee taking cognizance of the request from M/s Geo Designs and Research Pvt. Ltd. and revaluated the CV of Shri K J V Ramana Rao and has awarded 95 Marks to the CV. Accordingly, the revised marks has now been incorporated in revised TEC</p> <p>2. It was also found that due to clerical error, 89 marks were awarded to the CV of Mr. Kaushal Kishor which has now been revised to 94 Marks. Accordingly, the revised marks same has now been incorporated in revised TEC</p>

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3.	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	<p>We have observed few points with regard to our firm's marking and would like to apprise the esteemed Authority that during the preparation of Self Evaluation Sheet of Technical Proposal as per the new parameter of Experience in use of technology for road inspection as required in the RFP, we have inadvertently mentioned the score 15 in place of 20. Secondly, in our project namely "Feasibility Study and Preparation of Detailed Project Reports for Upgradation of the Existing 2-Lane Single Carriageway to 4/6-Lane Divided Carriageway between Km. 0/0 to 50/700 (Section Zirakpur to Patiala) including 12 no. Bridges, 1 ROB (1200 meter) &amp; 2 Grade Separators (600 m each) of NH-64 in Punjab (Under DBFOT Scheme)" there are two Grade Separators (Structure Details (i Grade Separator / Flyover 4 lane 650 meter and iii Grade Separator 2 lanes 600 meter length), which are of more than 500 meter length and mentioned at page number 120 of our submitted proposal. However these structures are not considered and 1 mark for the same are also not given in our Firm's Credential Evaluation.</p> <p>In view of the above fact, we assume that these marks will directly affect our scoring, as by adding up this figure our Technical Evaluation Score would raise upto 96.31 marks from 90.31 marks. Since this mistake had been unwittingly done by us and the documentation pertaining to all four Technologies experience certificates along with the ownership proof possessing the technologies were also incorporated in our submitted Technical Proposal Documents from page number 164 to page number 217. So, we request the</p>	<p>1. The evaluation committee taking cognizance of the request from M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited, revaluated the firm credentials and after inclusion of the project, 3 marks have been awarded to the bidder. Accordingly, the revised marks has now been incorporated in revised TEC</p> <p>2. With regards to increase of marks as sought by the bidder for Experience in use of technology for road inspection, the same was revaluated. Since the certificates attached as proof of owning/leasing the vehicle clearly shows that the work has been outsourced to M/s TASPL, hence the marks awarded to the bidder for leasing are correct and therefore requires no revision.</p>
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		esteemed committee to kindly consider and re-examine our evaluation for the integrity.	
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4. Accordingly, the revised technical score is as follows:

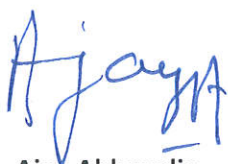
S. No.	Name of Bidder	Relevant Experience of the firm ( Total Score 40 )	Evaluation criteria for assessment of experience in use of technology for road inspection ( Total Score 20 )	Qualifications and competence of the key staff for the assignment ( Total Score 40 )	Total Score (Total Score 100)	Contracts awarded in NHIDCL (as per clause 23 of the RFP)
1	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	39.75	15	36.56	<b>91.31</b>	<b>1</b>
2	M/s Marc Technocrats Private Limited	39.50	20	36.94	<b>96.44</b>	<b>0</b>
3	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	40	19	36.74	<b>95.74</b>	<b>0</b>
4	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	40	20	36.83	<b>96.83</b>	<b>1 – Feedback 2- Satra</b>
5	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	39	18	37.34	<b>94.34</b>	<b>2</b>



6	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	40	16	36.73	<b>92.73</b>	<b>0</b>
7	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Construction Private Limited	40	15	36.66	<b>91.66</b>	<b>0</b>
8	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	40	20	36.61	<b>96.61</b>	<b>1</b>

5. In view of the above, TEC recommended to open the financial bid of the 8 technically qualified bidders within 3 days after the approval of the competent authority.


Meeting ended with vote of thanks to Chair.



**Ajay Ahluwalia**  
(ED-I)  
Convener



**AK Jha,**  
GM(T)  
Member



**Vivekanand Jaiswal**  
DGM (T)  
Member



**Bhaskar Mallick**  
Man (Finance)  
Member

Consultancy services for Authority's Engineer for Supervision of

(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)  
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(iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrura Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)

Firm Name: M/s AUSHTA CONSULTING ENGINEERS (INDIA) PVT. LTD.- DN Consultant (JV) in association with ARJUN ENGINEERING AND CONSULTING (OPC) PRIVATE LIMITED

Sr. No.	Particulars			Max Points	Points claimed	Points Scored	Marks
1	Relevant experience for the assignment			40	40	40.00	
2	Experience in use of technology for road inspection			20	19	16.00	
3	Qualifications and competence of the key staff for the assignment			40	37.14	36.73	
	Key Personnel	1	Team Leader Cum Senior Pavement Engineer	12	11.4	11.28	94
		2	Resident cum Highway Engineer 1	3	2.73	2.73	90
		3	Resident cum Highway Engineer 2	3	2.73	2.73	91
		4	Bridge/ Structural Engineer	6	5.46	5.46	91
		5	Senior Quality cum Material Expert 1	2	1.82	1.77	88.5
		6	Senior Quality cum Material Expert 2	2	1.82	1.72	86.00
		7	Senior Quality cum Material Expert 3	2	1.92	1.82	91
		8	Senior Pavement Specialist	6	5.46	5.46	91
		9	Road Safety Expert	4	3.8	3.76	94
Total Marks						92.73	

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 66.34 Cr ( Austha) Rs 6.17 Cr ( DN Consultant)	
	< Rs. 12.04 Cr.- 0 marks					
	Rs. 12.04 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs.12.04 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *	10	10	10	32 Total key personnel (Pg 153-158) (Austha Pg 153 - Key personnel 11) ( DN Consultant Pg 158- Key personnel 21	
2.1	<10					0
2.2	>10 but <20					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 68.44 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	4 Projects pg 108	
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 68.44 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	3 Projects Pg 134	
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	4 Projects pg 141	
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	3 Projects Pg 108	
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 Claimed	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	6	pg 175
1.1	Equipment		4		4	
	(a) Equipment on MOU with Associate or on hiring basis		2		0	
	(b) Own Equipment		4		4	
1.2	Experience		3		2	3 (178,180,182,)
(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	3	4	
2.1	Equipment		2		2	pg 184
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2		1	3(178,180,182,)
(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	pg 28 to 30
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3		3	8 (178,180,182,194,196, 198,200,202)
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	0	3	
4.1	Equipment		2		2	pg 185
	(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		1	3 (178,180,182)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	16	16	

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

<b>3.1 Team Leader : Amarendra Prasad</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
i)	Graduate in Civil Engineering	21	21	Yes
ii)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	4	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>69</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	>20 Years
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	>10 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	P- 7,9,10
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	10,13,14,15
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	P- 7,9,10,13
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	4	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
	<b>Total:</b>	<b>100</b>	<b>94</b>	
		<b>12</b>	<b>11.28</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>01-07-1961</b>	<b>27-08-2020</b>	59
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: Mr. H K 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	Yes
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
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	>10 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	P- 4,7,8,9
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	P- 9,10,12
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>23-10-1966</b>	<b>04-06-2020</b>	54
<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>3.2 Resident cum Highway Engineer-2: Mr. Jai Prakash 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	Yes
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
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	> 10 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	P- 3,4,6,7
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	P- 3,4,6,7
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>07-07-1958</b>	<b>04-06-2020</b>	62
<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 Bridge/Structural Engineer: Mr. Upender Kumar</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	Yes
II)	Post Graduation in Structural Engineering	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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	15	> 14 yrs
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	20	> 10 Yrs
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	20	P- 5,6,7,8,9,10
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	10	P- 9,8,7,6
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	5	P-9,8
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>	<b>08-12-1975</b>		<b>04-06-2020</b>	<b>45</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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: Mr. Zaheer Ahmad Siddiqui</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	Yes
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>67.5</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	> 14 Years
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
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	27.5	P- 3,5,21
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>88.5</b>	
		<b>2</b>	<b>1.82</b>	<b>1.77</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>15-11-1962</b>	<b>04-06-2020</b>	58

Note:(1) Similar Capacity includes the following positions

i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.

ii) 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.



<b>3.3 Senior Quality cum Material Expert: Mr. Amod Kumar Thakur</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	Yes
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>65</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	10	10 Years
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	P3- 1Y4M, P4-4Y2M, P5- 2Y9M <b>TOTAL- 8Y3M</b>
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	P-4,3,5,8
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	0
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>86</b>	
		<b>2</b>	<b>1.82</b>	<b>1.72</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>26-03-1962</b>	<b>04-06-2020</b>	58
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Mr. BPG</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	Yes
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>75</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	> 15 Years
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
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	P- 2,3,4,5
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	5	0	0
	<b>Total:</b>	<b>100</b>	<b>96</b>	<b>91</b>	
		<b>2</b>	<b>1.92</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>03-08-1965</b>	<b>04-06-2020</b>	55
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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>3.4 Senior Pavement Specialist: Mr. Ganeshwar Pradhan</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 Transportation/Highway Engineering/Pavement 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 of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	> 20 Years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	> 10 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	25	P-4,5,6,7,8
iv)	Experience in similar capacity on EPC Projects (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	P-4,5,6,7,8
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>	<b>19-01-1962</b>		<b>04-06-2020</b>	<b>58</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions  i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer  ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>3.7 Road Safety Expert: Mr. Kiran Kumar</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	YES
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	<b>YES</b>
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>69</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	>20 Years
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	8 Years
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	P- 12,13,14,15
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	P- 12,13,14,16
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	P-19,20
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	4	P-14
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>94</b>	
		<b>4</b>	<b>3.80</b>	<b>3.76</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>08-08-1970</b>	<b>04-06-2020</b>	50
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					

Consultancy services for Authority's Engineer for Supervision of "(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)  
(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrumba Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojna on EPC Mode (Package II)"  
(iii) Construction of two lane with hard shoulder of Kohima-jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrumba Village) to existing km 76.320 (near Mesulumi Village) [ Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Firm Name: M/s CMEC-Jindal (JV) in association with Dracs Consultancy

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	15.00	
3	Qualifications and competence of the key staff for the assignment		40	36.66	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	3	2.73	91
		Resident cum Highway Engineer 2	3	2.73	91
		Senior Quality cum Material Expert 1	2	1.92	96
		Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.82	91
		Senior Pavement Specialist	6	5.46	91
		Bridge Expert	6	5.46	91
		Road Safety Expert	4	3.80	95
Total Marks				91.66	

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	MOU with AIPPL pg 361
1.1	Equipment		4	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		2	0	2	
	(b) Own Equipment		4	4	0	
1.2	Experience		3	3	3	>5 Proj pg 376
(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	3	3	
2.1	Equipment		2	1	1	MOU with AIPPL pg 361
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	>5 Proj pg 376
(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	MOU with AIPPL pg 361
3.1	Equipment		2	2	1	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3	3	3	>5 Proj pg 376
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	3	3	MOU with AIPPL pg 361
4.1	Equipment		2	2	1	
	(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 Proj pg 376
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	15	15	

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	Lead-Rs 26.65 Cr JV-6.23 Total Rs. 27.72 Cr
	< Rs. 12.04 Cr.– 0 marks					
	Rs. 12.04 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs.12.04 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	Lead -24 other-18
2.1	<10	0				
2.2	>10 but <20	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 68.44 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	Lead- >9 (82 pg) Other -10 (235)
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 68.44 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	Lead- >10 Projects pg 101 Other -10 (260)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	7 projects (Pg 121) Other >10 (299)
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	5 Projects pg 133
Total			40	40	40	



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

<b>3.1 Team Leader cum Senior Pavement Engineer: Kawal Bas Singh</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	4	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>66</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	>15 Years
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	>10 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	8,10,11,12
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	11	10,11
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	8,9,12,13
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	9,17
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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>12</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-08/11/1959 (61 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>				

<b>3.2 Resident cum Highway Engineer-1: Feroz hashmi</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 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	>15 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 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	1,2,5,7
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	1,2,5,7
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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-26/05/1974 (46years)

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.

<b>3.2 Resident cum Highway Engineer-2: Shankar Paul</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 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	>15 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 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	1,2,3,5
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	1,2,3,5
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-22/01/1976 (45 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: Bikram Hotta</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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 year
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	>15 year
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	5,6,7,8
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	5	
	<b>Total:</b>	<b>100</b>	<b>96</b>	
		<b>2</b>	<b>1.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-07/07/1978 (42years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Niranjan Kumar Pathak</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	MTECH in CE. Specilisation unknown.
<b>2</b>	<b>Adequacy for the Project</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	>14 Years
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	>15 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	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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-08/09/1976 (44 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: MITHILESH KUMAR JHA</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 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	>15 Years
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
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	6,7,8,12
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-12/03/1963 (58 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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 Bridge/Structural Engineer: Rana Dharmendra Pratap Singh</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
<b>2</b>	<b>Adequacy for the Project</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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	>20 years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	>15 years
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	3,4,5,6
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	3,4,5,6
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	6,7,8
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>17-01-1961</b>	<b>14-07-2020</b>	<b>60</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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>3.4 Senior Pavement Specialist: Ashish kumar</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>			
i)	Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	> 15 years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	>15 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	1,3,4,5
iv)	Experience in similar capacity on EPC Projects (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	1,5
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>16-04-1977</b>	<b>14-07-2020</b>	<b>43</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions  i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer  ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>3.7 Road Safety Expert: Pradeep Kumar</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	
<b>2</b>	<b>Adequacy for the Project</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 years
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 years
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	24,23,19,18
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	14,15,16
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	13,14,15
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	13,14,15
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	
	<b>Total:</b>	<b>100</b>	<b>95</b>	
		<b>4</b>	<b>3.80</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-10/06/1959 (61 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				

Consultancy services for Authority's Engineer for Supervision of "(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)  
(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrura Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)"

(iii) Construction of two lane with hard shoulder of Kohima-jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrura Village) to existing km 76.320 (near Mesulumi Village) [ Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Firms Name: M/s Feedback Infra Pvt. Ltd. in association with Satra Services and solutions 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	20.00	
3	Qualifications and competence of the key staff for the assignment		40	36.83	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	3	2.73	91
		Resident cum Highway Engineer 2	3	2.73	91
		Senior Quality cum Material Expert 1	2	1.89	95
		Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.82	91
		Bridge Engineer	6	5.46	91
		Senior Pavement Specialist	6	5.46	91
		Road Safety Expert	4	4.00	100
Total Marks				96.83	

**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. 12.04 Cr.– 0 marks Rs. 12.04 Cr. – 1.5 marks Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 7.56 Cr above Rs. 6.02 Cr. subject to maximum 0.5 marks.	2	2	2	(329.25+253.80+204.22)/3= 262.42 Cr.  (Refer pg. no. 547) JV- 44.26 pg 570
2	Nos. of Highway Professionals with the firm *	10	10	10	<b>Lead -43 Personnel</b> (Refer pg. no. 658) JV- 14 Personnel pg. no. 661
2.1	<10	0	0	0	
2.2	>10 but ≤20	8	-	-	
2.3	>20 but ≤30	9	-	-	
2.4	>30	10	10	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 68.44 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	>5 Nos. (Refer pg.52-65)
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 68.44 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	>5 Nos. (Refer pg. no. 217)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	6 Nos. (Refer pg. no. 375)
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	>5 Nos. (Refer pg.52-65)
	<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				pg 764 (Satra)
1.2	Experience	3	3	3	
(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				pg 718 (Feedback)
2.2	Experience	2	2	2	4 nos pg 728-736
(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				pg 718 (Feedback)
3.2	Experience	3	3	3	4 Projects (2 Lead(pg 738) & 2 JV pg 897)
(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				pg 718 (Feedback)
4.2	Execution with owned/hired Equipment/through Associate	2	2	2	5 Projects (3 Lead(pg 744) & 2 JV pg 897)
(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 obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	0	
<b>2</b>	<b>Adequacy for the Project</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	>20 years
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 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	13,14,18,20,21
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	13,14,18,19,20
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	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	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	<b>5</b>	<b>0</b>	
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>12</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-17/02/1968 (53 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: SATISH RAJ				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	21	
I)	Graduate in Civil Engineering	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	0	MBA (Assam University) (Refer pg. no. 560)
2	<b>Adequacy for the Project</b>	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	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	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	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	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	Not employed with firm, available for assignment (Refer pg. no. 524)
	<b>Total:</b>	100	91	
		3	2.73	
	<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 obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	25	21	
I)	Graduate in Civil Engineering	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	-
2	<b>Adequacy for the Project</b>	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	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	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	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	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	Not employed with firm, available for assignment (Refer pg. no. 567)
	<b>Total:</b>	100	91	
		3	2.73	
	<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>				

<b>3.3 Senior Quality cum Material Expert: alok kumar jha</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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	>20 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	>15 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	1,4,5,6,7
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	3.5	
	<b>Total:</b>	<b>100</b>	<b>94.5</b>	
		<b>2</b>	<b>1.89</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-23/08/1970 (50 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Apurba Kumar Medhi</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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 Years
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	> 10 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	3,5,6,7
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	Not employed with the firm
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-31/03/1969 (51 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Rajesh Kumar</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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 yr
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	>15 yr
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	4,5,6,10
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	Not employed with the firm
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-23/02/1976 (45 years)
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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 Bridge/Structural Engineer: Amrendra Narayan</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
<b>2</b>	<b>Adequacy for the Project</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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	>15 years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	>10 years
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	4,5,6,7
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	2,3,5,7
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	2,3
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>31-12-1971</b>	<b>27-08-2020</b>	<b>49</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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>3.4 Senior Pavement Specialist: DADAN SINGH</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>			
i)	Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	>15 yr
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	>15 yr
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	5,6,7,8
iv)	Experience in similar capacity on EPC Projects (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	5,7,8
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>16-08-1971</b>	<b>14-07-2020</b>	<b>49</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions  i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer  ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>				

3.5 Road safety Expert: Satish NL				
S. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed for self-assessment
1	<b>General Qualification</b>	25	25	
	I) Graduate in Civil Engineering	21	21	
	II) Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	
2	<b>Adequacy for the Project</b>	70	70	
	<b>Professional Experience</b>			
	i) Total Professional Experience in handling Highway/Bridge projects	15	15	>15 years exp.
	< 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	>10 Years
	< 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	14,15,16,17
	< 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	15,16,17,18
	< 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	14,16,17,18
	1 project -4 marks			
	2 or more -5 marks			
	vi) Experience in similar capacity in field of Road Safety Management Plan	5	5	14,16,17,18
	1 project -4 marks			
	2 or more -5 marks			
3	<b>Employment with the Firm</b>	5	5	
	<1 year- 0			
	1 year – 3 marks			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			
	<b>Total :</b>	100	100	
		4	4	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-26/10/1977 (43 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				

Consultancy services for Authority's Engineer for Supervision of "(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)  
(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrura Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojna on EPC Mode (Package II)"

Firm Name: M/s Geo Designs and Research Pvt. Ltd.					% Marks
Sr. No.	Particulars		Max Points	Points Scored	
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	36.74	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	3	2.73	91
		Resident cum Highway Engineer 2	3	2.73	91
		Senior Quality cum Material Expert 1	2	1.82	91
		Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.82	91
		Senior Pavement Specialist	6	5.64	94
		Bridge Expert	6	5.46	91
		Road Safety Expert	4	3.80	95
Total Marks				95.74	

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 24.47 Cr (Pg 67)
	< Rs. 12.04 Cr.– 0 marks					
	Rs. 12.04 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs.12.04 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	40 key personnel (Pg 98)
2.1	<10	0				
2.2	>10 but <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 68.44 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	11 Construction & Supervision (Pg 101)
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 68.44 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 Projects (Pg 185)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	8 projects (Pg 317)
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	13 (Pg 332)
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	7	Own 450 pg
1.1	Equipment		4	2	4	
	(a) Equipment on MOU with Associate or on hiring basis		2	2	0	
	(b) Own Equipment		4	0	4	
1.2	Experience		3	3	3	6 projects(pg 438-
(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 451
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	7 projects pg 439-450
(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	Associatipon pg 497.
3.1	Equipment		2	1	1	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3	3	3	>6 projects (Pg 456-322)
(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 to257
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	7 projects (Pg 478-497)
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	17	19	

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

<b>3.1 Team Leader cum Senior Pavement Engineer: Satyendra Kumar</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	>20 years
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	>15 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	8,9,11
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	8,9,11,12
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	13,14,16,17
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	5	14,17
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	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-09-01-1964 (57 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>					

<b>3.2 Resident cum Highway Engineer-1: Aftabur Rehman</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 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	>30 Years
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
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	19,20,22,23,25
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	29,33,34,38
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	0
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-31.05.1956 (64 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.



<b>3.2 Resident cum Highway Engineer-2: Dilip Pandey</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 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	>19 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 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	5,7,8,9
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	5,7,8,9
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-10.01.1975 (45.6 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.

<b>3.3 Senior Quality cum Material Expert: Sisira Kumar Pradhan</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 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	>15 Years
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	>15 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	1,3,5,6
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-09/02/1983 (38 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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: Srinivas Rao Venkayala</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 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	>17 Years
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	>14 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	2,3,4,5,6
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-15/06/1982 (38 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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: Chitaranjan Sahoo</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 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	15 Years
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
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	1,4,5,6,7
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-22/05/1984 (36 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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 Bridge/Structural Engineer: Shri ram choudhary</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
<b>2</b>	<b>Adequacy for the Project</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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	>20 years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	>10 years
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	7,8,9,10
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	6,7,9,10
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	7,8,10
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-08-1971</b>	<b>27-08-2020</b>	<b>49</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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>3.4 Senior Pavement Specialist: Kaushal Kishor</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	4	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>69</b>	
	<b>Professional Experience</b>			
i)	Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	19	14 Years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	10 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	3,4,5
iv)	Experience in similar capacity on EPC Projects (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	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	-
	<b>Total:</b>	<b>100</b>	<b>94</b>	
		<b>6</b>	<b>5.64</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	10-04-1984	<b>14-07-2020</b>	<b>36</b>

Note:

(1) Similar Capacity includes the following positions

- i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer
- ii) 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 < 6 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.

<b>3.7 Road Safety Expert: K J V Ramana Rao</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	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering 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 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	>15 years
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	>10 years
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	8,10,13,19
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	13,19,29,37
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	34,37
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	34,37
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>4</b>	<b>3.80</b>	<b>3.80</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-19/08/1968 (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					

Consultancy services for Authority's Engineer for Supervision of "(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)

(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrura Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojna on EPC Mode (Package II)"

(iii) Construction of two lane with hard shoulder of Kohima-jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrura Village) to existing km 76.320 (near Mesulumi Village) [ Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Firm Name: M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant

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	36.61	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	3	2.73	91
		Resident cum Highway Engineer 2	3	2.64	88
		Senior Quality cum Material Expert 1	2	1.82	91
		Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.74	87
		Senior Pavement Specialist	6	5.64	94
		Bridge Expert	6	5.46	91
		Road Safety Expert	4	3.84	96
Total Marks				96.61	



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 77.24 Cr (PG 50)
	< Rs. 12.04 Cr.– 0 marks					
	Rs. 12.04 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs.12.04 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	38 key personnel (Pg 338)
2.1	<10	0				
2.2	>10 but <20	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 68.44 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	3 IE (Pg )
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 68.44 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	4 Projects (Pg 187)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	6 projects (Pg 240)
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	3 STRUCTURE (Pg 364,370,374)
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	7	7	418
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	6 (435,437,439,440, 442,443)
(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	427
2.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	6 (435,437,439,440, 442,443)
(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	422
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	6 (448,450,452,454, 456,458)
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	4	4	424
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	6 (435,437,439,440, 442,443)
(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 : Mr. Sanjay Tiwari</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	
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>66</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	>20 YEARS
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	>10 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	5,6,
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	11	8,9
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	13,11,5,6
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	3,7
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	0
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>91</b>	
		<b>12</b>	<b>11.40</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>23-09-1965</b>	<b>26-08-2020</b>	<b>55</b>
<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>					

<b>3.2 Resident cum Highway Engineer-1: Mr. Jitender Kumar 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	
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	>20years
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	>10 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	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	6,5,3
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>02-08-1965</b>	<b>26-08-2020</b>	<b>55</b>
<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: Mr. R P 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	
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>67</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	17	13y8m
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	>10 Year
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	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	6,5,3
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>88</b>	
		<b>3</b>	<b>2.73</b>	<b>2.64</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>15-08-1982</b>	<b>27-08-2020</b>	38
<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: Mr. Surya Bhushan 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	
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	>20 Years
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	11 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	2,4,6,8,9
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>02-09-1966</b>	<b>27-08-2020</b>	54
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Mr. Ram Prakash Sharma</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 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	>14 Years
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	>11 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	4,3,7,8
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	0
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>04-07-1962</b>	<b>27-08-2020</b>	58
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Mr. Dinesh Kumar 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	
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>66</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	11	11Y 9M
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	11Y9M
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	3,4,5,6,7
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	0
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>87</b>	
		<b>2</b>	<b>1.82</b>	<b>1.74</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-02-1977</b>	<b>27-08-2020</b>	44
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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 Bridge/Structural Engineer: Mr. Krishna Kant Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<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 Structural Engineering	4	0	0	
2	<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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	15	>17 years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	20	>12 years
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	20	9,3,4,8
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	10	9,7,5
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	5	9,7,5
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	3	3	3
	<b>Total:</b>	<b>100</b>	<b>94</b>	<b>94</b>	
		<b>6</b>	<b>5.64</b>	<b>5.64</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>02-12-1969</b>		<b>26-07-2020</b>	<b>51</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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>					

3.4 Senior Pavement Specialist: Mr. Manoj Kumar Bharti					
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/Pavement 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 of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	>18 years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	>10 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	25	1,2,3,4,5,6
iv)	Experience in similar capacity on EPC Projects (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	3,2
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>	<b>20-01-1972</b>		<b>27-08-2020</b>	<b>49</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions  i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer  ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>3.7 Road Safety Expert: Mr. Ashish Rahate</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 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	>20 years
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	>10 Years
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	3,4,6,7
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	3,4,6,7,
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	3,4,6
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	3,4,6
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	5	5	4y
	<b>Total:</b>	<b>100</b>	<b>96</b>	<b>96</b>	
		<b>4</b>	<b>3.84</b>	<b>3.84</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>09-03-1967</b>	<b>27-08-2020</b>	54
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					

Consultancy services for Authority's Engineer for Supervision of "(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)  
(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrumba Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojna on EPC Mode (Package II)"

(iii) Construction of two lane with hard shoulder of Kohima-jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrumba Village) to existing km 76.320 (near Mesulumi Village) [ Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Firm Name: M/s Marc Technocrats Private Limited

Sr. No.	Particulars		Max Points	Points Scored	% Marks
1	Relevant experience for the assignment		40	39.50	
2	Experience in use of technology for road inspection		20	20.00	
3	Qualifications and competence of the key staff for the assignment		40	36.94	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	11.40	95
		Resident cum Highway Engineer 1	3	2.73	91
		Resident cum Highway Engineer 2	3	2.73	91
		Senior Quality cum Material Expert 1	2	1.78	89
		Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.82	91
		Senior Pavement Specialist	6	5.46	91
		Bridge Expert	6	5.40	90
		Road Safety Expert	4	3.80	95
Total Marks				96.44	

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	1.5	Rs 16.9 Cr
	< Rs. 12.04 Cr.– 0 marks					
	Rs. 12.04 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs.12.04 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	40 pg 225
2.1	<10	0				
2.2	>10 but <20	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 68.44 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	10 Projects Pg (102)
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 68.44 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	8 Projects (131)
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	6 projects (Pg 167)
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	5 (Pg 199)
Total			40	40	39.5	

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	7	7	Other member-424
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	Lead-6(429) other- 3(459)
(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	Lead-422 Other -425
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	2	Lead-6(429) other- 3(459)
(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	Other-426
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	Lead-6(429) other- 3(459)
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	4	4	Lead-423 Other -427
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	Lead-6(429) other- 3(459)
(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: ANIL K DAYAL</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	
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	>20 Years
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	>10 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	5,11,12,15
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	15	15	7,8,13,15
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	7,8,14,15
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	10,11,6,4
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-16/01/1967 (54 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>					

<b>3.2 Resident cum Highway Engineer-1: Bidhan Madhukar</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 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	>20 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	4,5,6,8
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	7,6,11,13
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	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-20/05/1968 (52 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: 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>	<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	
2	<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	>15 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	5,7,8,9
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	5,7,8,9
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-20/10/1962 (58 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: Shishir Kumar</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 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>68</b>	<b>68</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	13	13	12.4 year
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	12.4 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	1,3,4,5,6
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>89</b>	<b>89</b>	
		<b>2</b>	<b>1.78</b>	<b>1.78</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-29.09.1985 (34.9 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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: R Kumar</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 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	>20 Years
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	>15 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	4,5,12,14
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-13/09/1963 (57 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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: Rajeev Kumar</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 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	>20 Years
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	>15 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	3,5,6,7
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-02/12/1965 (55 years)
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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 Bridge/Structural Engineer: Aditya Ishwar</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	0	0	
<b>2</b>	<b>Adequacy for the Project</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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	>20 years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	>15 years
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	2,4,7,8
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	2,4,7,8
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	2,4,7,8
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	0	0	-
	<b>Total:</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-01-1961</b>	<b>14-07-2020</b>	<b>60</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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>3.4 Senior Pavement Specialist: Ananta Prasad Sahu</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>69</b>	
	<b>Professional Experience</b>			
i)	Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	> 20 years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	>15 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	3,6,7,8
iv)	Experience in similar capacity on EPC Projects (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	4	3
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	0	0	-
	<b>Total:</b>	<b>91</b>	<b>90</b>	
		<b>6</b>	<b>5.40</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-04-1966</b>	<b>14-07-2020</b>	<b>54</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>3.7 Road Safety Expert: Abhishankar Parashar</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	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering 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 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	>20 years
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	>20 years
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	3,4,5,6
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	17,20,14
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	3,4,5,6
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	3,4,5,6
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>95</b>	<b>95</b>	
		<b>4</b>	<b>3.80</b>	<b>3.80</b>	
	<b>Age on bid due date: Not more than 65 years.</b>				DOB-24/08/1974 (46 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					

**Consultancy services for Authority's Engineer for Supervision of:**

(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)

(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrura Village) [ Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)

(iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrura Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)

Firm Name: M/s Planning & Infrastructural Development Consultants Pvt. Ltd - NATIONAL ENGINEERING OFFICE PRIVATE LIMITED (JV)					% Marks
Sr. No.	Particulars		Max Points	Points Scored	
1	Relevant experience for the assignment		40	39.00	
2	Experience in use of technology for road inspection		20	18.00	
3	Qualifications and competence of the key staff for the assignment		40	37.34	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	11.34	94.50
		Resident cum Highway Engineer 1	3	2.85	95.00
		Resident cum Highway Engineer 2	3	2.84	94.50
		Senior Quality cum Material Expert 1	2	1.88	94.00
		Senior Quality cum Material Expert 2	2	1.89	94.50
		Senior Quality cum Material Expert 3	2	1.82	91.00
		Senior Pavement Specialist	6	5.46	91.00
		Bridge Expert	6	5.46	91.00
		Road Safety Expert	4	3.80	95.00
Total Marks				94.34	



Relevant experience for the assignment							
1	Evaluation Criteria for Assessment of Experience of the Firm.						
S. No.	Description		Max Marks	Marks obtained	Reference/Details of projects Claimed for self-assessment	Average Turnover	
1	Average Annual Turnover (last 3 years) from consultancy business		2	2	Lead-Rs 14.26 Cr Page No-20 JV-37.28 Pg 165	14.26	
	< Rs.12.04 Cr.– 0 marks						
	Rs. 12.04 Cr. – 1.5 marks						
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs. 6.02 Cr. subject to maximum 0.5 marks.						
2	Nos. of Highway Professionals with the firm *		10	10	33 key personnel (Pg 144)		
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 68.44 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	Lead-> 4 project (Page 60) JV- >4 Projects Pg 182		
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 68.44 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	Lead>3 projects (Pg 90) JV- 3 projects (Pg 198)		
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	Lead>5 projects (Pg 109)		
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	2	Lead Sr. no. 12 (page no 114)		
Total			40	39			

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	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection		7	7	Pg 227 (Own-JV member)
1.1	Equipment		4	4	
	(a) Equipment on MOU with Associate or on hiring basis		2		
	(b) Own Equipment		4		
1.2	Experience		3	3	>5 projects (Pg 235)
(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	
2.1	Equipment		2	2	Pg 228 (Own-JV member)
	(a) Equipment on MOU with Associate or on hiring basis		1		
	(b) Own Equipment		2		
2.2	Experience		2	2	>3 projects (Pg 235)
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection		5	4	Pg 229 (MoU with M/s PNT Design)
3.1	Equipment		2	1	
	(a) Equipment on MOU with Associate or on hiring basis		1		
	(b) Own Equipment		2		
3.2	Experience		3	3	>5 projects (Pg 247)
(i)	1-2 Projects	1			
(ii)	3-5 Projects	2			
(iii)	> 5 Projects	3			
4	Experience in Retro reflectometer technology		4	3	Pg 226 (Own-JV member)
4.1	Equipment		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	1	2 projects (Pg 235)
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
Total			20	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: Shyam Lal Bhagat</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
i)	Graduate in Civil Engineering	21	21	
ii)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	0	0	
<b>2</b>	<b>Adequacy for the Project</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	> 20 years
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 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	32,33,35,41
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	33,34,37,39
c)	Experience in position of Team Leader/Project Manager or similar capacity in <b>Construction</b> /Co Supervision/ <b>Authority Engineer</b> /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	19,20,21,22
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	36,38,32
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	3.5	3.5
	<b>Total:</b>	<b>100</b>	<b>94.5</b>	
		<b>12</b>	<b>11.34</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>15-07-1955</b>	<b>14-07-2020</b>	<b>65</b>
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: Rakesh Kumar				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	4	
2	<b>Adequacy for the Project</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 years exp.
ii)	Experience as Resident Engineer/ <b>Highway Engineer</b> /Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ <b>Construction Supervision</b> /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	>15 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	>4 projects ( 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	>4 projects ( 3, 4, 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	-
	<b>Total:</b>	<b>100</b>	<b>95</b>	
		<b>3</b>	<b>2.85</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>08-07-1975</b>	<b>10-06-2020</b>	<b>45</b>
<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: SACHIDANAND PRASAD YADAV				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	<b>25</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	
2	<b>Adequacy for the Project</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 years exp.
ii)	Experience as Resident Engineer/ <b>Highway Engineer</b> /Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ <b>Construction Supervision</b> /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	>10 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	>4 projects ( 24,25,26,27 )
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	>4 projects ( 24,25,26,27 )
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	3.5	-
	<b>Total:</b>	<b>100</b>	<b>94.5</b>	
		<b>3</b>	<b>2.84</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>18-02-1960</b>	<b>10-06-2020</b>	<b>60</b>
<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 Bridge/Structural Engineer: Shashi Bhushan Sharma</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
<b>2</b>	<b>Adequacy for the Project</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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	>20 Years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	>15 years
iii)	Experience in similar capacity in <b>Construction</b> /supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	>4 bridges 7,15,16,17
iv)	Experience in similar capacity in <b>Construction</b> /supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	12,13,18,19
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	7,16,19,20
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-07-1961</b>	<b>10-06-2020</b>	<b>59</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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 Kumar</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
i)	Graduate in Civil Engineering	21	21	
ii)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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	>20 years
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	>15 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	8,9,10
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	3	-
	<b>Total:</b>	<b>100</b>	<b>94</b>	
		<b>2</b>	<b>1.88</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-03-1966</b>	<b>10-06-2020</b>	<b>54</b>
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Anup Kumar Mishra</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
i)	Graduate in Civil Engineering	21	21	
ii)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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 years
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	>15 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	2,3,4,5
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	3.5	-
	<b>Total:</b>	<b>100</b>	<b>94.5</b>	
		<b>2</b>	<b>1.89</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>02-01-1973</b>	<b>10-06-2020</b>	<b>47</b>
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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: Sharad Saxena</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
i)	Graduate in Civil Engineering	21	21	
ii)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
<b>2</b>	<b>Adequacy for the Project</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 years
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	13 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	2,5,7,8
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>27-10-1970</b>	<b>10-06-2020</b>	<b>50</b>
<p>Note:(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</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>				

3.4 Senior Pavement Specialist: AKELLA BALA BALAJI SHARMA				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	<b>25</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	
2	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>			
i)	Total Professional Experience of Pavement Design/Construction/ <b>Construction supervision</b> and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	>15 Years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	>10 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer/ <b>Highway Engineer</b> in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	2,4,7.8
iv)	Experience in similar capacity on EPC Projects (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	1,2
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	-
	<b>Total:</b>	<b>100</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>01-06-1982</b>	<b>10-06-2020</b>	<b>38</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>3.7 Road Safety Expert: Arindam Mukhopadhyay</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>65</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 years
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	>9 years (DESIGNATION TO BE CHECKED)
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	4,6,7,8
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	4,6,7,8
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	0	4,6,7,8
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	4,6,7,8
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	5	
	<b>Total:</b>	<b>100</b>	<b>95</b>	
		<b>4</b>	<b>3.80</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>11-08-1980</b>	<b>10-06-2020</b>	<b>40</b>
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				

Consultancy services for Authority's Engineer for Supervision of

(i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length - 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)  
(ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikrura Village) [Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)"  
(iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikrura Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length - 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)

Firm Name: M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited

Sr. No.	Particulars			Max Points	Points claimed	Points Scored	Marks
1	Relevant experience for the assignment			40	40	39.75	
2	Experience in use of technology for road inspection			20	15	15.00	
3	Qualifications and competence of the key staff for the assignment			40	37.14	36.56	
	Key Personnel	1	Team Leader Cum Senior Pavement Engineer	12	11.4	10.92	91
		2	Resident cum Highway Engineer 1	3	2.73	2.73	91
		3	Resident cum Highway Engineer 2	3	2.73	2.73	91
		4	Bridge/ Structural Engineer	6	5.46	5.46	91
		5	Senior Quality cum Material Expert 1	2	1.82	1.82	91
		6	Senior Quality cum Material Expert 2	2	1.82	1.82	91
		7	Senior Quality cum Material Expert 3	2	1.92	1.82	91
		8	Senior Pavement Specialist	6	5.46	5.46	91
		9	Road Safety Expert	4	3.8	3.80	95
Total Marks						91.31	

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	1.75	Rs 18.80 Cr
	< Rs. 12.04 Cr.– 0 marks					
	Rs. 12.04 Cr. – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every Rs. 6.02 Cr above Rs.12.04 Cr. subject to maximum 0.5 marks.					
2	Nos. of Highway Professionals with the firm *		10	10	10	41 key personnel (Pg 172-178)
2.1	<10	0				
2.2	>10 but <20	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 68.44 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	5 Projects - pg 98
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 68.44 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	>3 Projects pg 170
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	>.5 Projects pg-153
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	3 Projects pg-129
Total			40	40	39.75	

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	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7	5	pg 26 to 28
1.1	Equipment	4	2	
	(a) Equipment on MOU with Associate or on hiring basis	2	2	
	(b) Own Equipment	4	0	
1.2	Experience	3	3	7 (197,218,221,223, 225,227,229)
(i)	1-2 projects			
(ii)	3-5 projects			
(iii)	> 5 projects			
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4	4	
2.1	Equipment	2	1	pg 26 to 28
	(a) Equipment on MOU with Associate or on hiring basis	1		
	(b) Own Equipment	2		
2.2	Experience	2	2	8 (197,215,218,221, 223,225,227,229)
(i)	1-3 Projects			
(ii)	>3 Projects			
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5	4	
3.1	Equipment	2	1	pg 26 to 28
	(a) Equipment on MOU with Associate or on hiring basis	1		
	(b) Own Equipment	2		
3.2	Experience	3	3	7 (197,218,238,241, 243,245,247)
(i)	1-2 Projects			
(ii)	3-5 Projects			
(iii)	> 5 Projects			
4	Experience in Retro reflectometer technology	4	3	
4.1	Equipment	2	1	pg 26 to 28
	(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	7 (197,218,221,223, 225,227,229)
(i)	1-3 Projects			
(ii)	>3 Projects			
Total		20	15	

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

<b>3.1 Team Leader : Rajesh Tripathi</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
i)	Graduate in Civil Engineering	21	21	Yes
ii)	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	0	
<b>2</b>	<b>Adequacy for the Project</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	>20 Year
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	>10 yrs
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	P- 13,16
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	P- 7,9,10,11
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	P- 13,15,16,17
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	P-12,18
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>12</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>			DOB-02/12/1969 (50.1 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: Mr. A Arunendra Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	<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	> 15 Years
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	> 10 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	P- 3,4,6,7,8,11
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	P- 3,4
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>20-07-1967</b>	<b>04-06-2020</b>	53
<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>3.2 Resident cum Highway Engineer-2: Mr. Ashok Kumar Sharma</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	Yes
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	>17 Years
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	10 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	P- 3,5,6,10
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	P- 3,5
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>3</b>	<b>2.73</b>	<b>2.73</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>07-07-1958</b>	<b>04-06-2020</b>	62
<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 Bridge/Structural Engineer: Mr. Lalit Vijay</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	Yes
II)	Post Graduation in Structural Engineering	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 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	15	>15 years
ii)	Experience in similar capacity in Design/Construction/Construction Supervision of Bridges/ROB/Flyover/Interchanges/any other such structures (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add 1 (one) mark extra for each additional completed year of experience subject to maximum 5 (five) marks	20	20	20	>10 years
iii)	Experience in similar capacity in supervision of Major Highway Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 Bridges -0 2 Bridge -15 marks Add 2.5 mark extra for each additional bridge subject to maximum 5 marks	20	20	20	P- 4,6,7,9
iv)	Experience in similar capacity in supervision of Rehabilitation and repair of Major Bridges/ROB/Flyover/ Interchanges/ any other structures < 2 nos. – 0 2 nos. - 8 marks > 3 nos.- 10	10	10	10	P- 6,5
v)	Experience in similar capacity of modern bridge construction technology viz., Precast Segmental, Balanced Cantilever Construction, Extra dosed Bridge, Full Span Launching, Incremental Launching. Experience in 1 project – 4 marks More than one project – 5 marks	5	5	5	P-7,6
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>	<b>16-12-1975</b>		<b>04-06-2020</b>	<b>44</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Bridge Engineer/Project Manager (Bridges) ii) On behalf of Government: Executive Engineer</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: Mr. Manoj Rai</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	Yes
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	>15 years
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
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	P- 1,3,4,5,6,7
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>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-02-1975</b>	<b>04-06-2020</b>	45
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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: Mr. Anupam Mishra</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	Yes
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	>14 years
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	P-8,7,4,9
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	0
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-06-1973</b>	<b>04-06-2020</b>	47
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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: Mr. Sushil Kumar Rai</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	Yes
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	> 14 Years
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	> 8 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	P- 9,13,8,11
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	0
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>2</b>	<b>1.82</b>	<b>1.82</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-07-1970</b>	<b>04-06-2020</b>	50
<p>Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer</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>3.4 Senior Pavement Specialist: Mr. Ganeshwar Pradhan</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 Transportation/Highway Engineering/Pavement 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 of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	> 15 Years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6-laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	> 10 Years
iii)	Experience in similar capacity as Pavement/Geo-technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	25	P-4,5,6,7,8
iv)	Experience in similar capacity on EPC Projects (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	P-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	5	0	-
	<b>Total:</b>	<b>100</b>	<b>96</b>	<b>91</b>	
		<b>6</b>	<b>5.76</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>07-04-1956</b>		<b>04-06-2020</b>	<b>64</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions  i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer  ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 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>3.7 Road Safety Expert: Mr. Yogesh.V.K</b>				
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</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>	
I)	Graduate in Civil Engineering	21	21	YES
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	YES
<b>2</b>	<b>Adequacy for the Project</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 years
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	>10 years
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	31,32,33,34
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	32,33,34,35
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	31,32,33,34
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	31,32,33,34
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	
	<b>Total:</b>	<b>100</b>	<b>95</b>	
		<b>4</b>	<b>3.80</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>06-02-1975</b>	<b>28-07-2020</b>	46
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				