

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)

(A Government of India Enterprise)

NHIDCL/Nagaland/ KJ/ AE/123-2

Dated: 16.09.2020

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 Kikrumba 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 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) - **Technical Evaluation Regd.**

1. Based on the Technical Evaluation, following firms are found technically qualified for the subject project:

Sr. No	Name of Consultant	Type of Venture
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

2. A copy of the Minutes of Meeting of the Empowered Technical Bid Evaluation Committee (TEC) is also enclosed herewith for information of applicant bidders.

3. Accordingly, as per Clause 10 (vii) data sheet of RFP you are hereby given 7 days time, i.e. till 22.09.2020 (1700 Hours) to submit comments on the technical evaluation, if any.

Encl.: As above.



(A. K. Jha)

General Manager (Technical)
Email: gmnagaland.nhidcl@gmail.com

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

Minutes of Meeting of Empowered Technical Bid Evaluation Committee (TEC) on **15.09.2020** 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 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)

1. The bids for subject project were invited from the prospective bidders with bid due date on 27.08.2020 till 1100 Hrs.
2. TEC met on 28.08.2020 at 1500 Hours to open the technical bids submitted by the bidder.
3. It was apprised that:
 - a) As per clause 4.1 of Section-2 of RFP, bidders are required to submit their Technical Proposal only through online mode i.e. via CPP portal and INFRACON portal and no separate hard copy was required to submit.
 - b) The details of firms are as under:

Sr. No	Name of Consultant	Type of Venture	Lead Member (or Sole)	Other Member (JV/ Associate)
1	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	Association	M/s Redcon (India) Private Limited	Subudhi Techno Engineers Private Limited
2	M/s Marc Technocrats Private Limited	Sole	-	-
3	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	Sole	-	-
4	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	JV	M/s Feedback Infra Private Limited	Satra Services And Solutions Private Limited (JV)

5	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	JV	M/s Planning & Infrastructural Development Consultants Pvt. Ltd	National Engineering Office Private Limited (JV)
6	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	JV & Association	M/s Aushta Consulting Engineers (India) Pvt. Ltd.	DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited
7	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium (JV) in association with Dracs Consultancy and Construction Private Limited	JV & Association	M/s CMEC Consulting Engineers Pvt. Ltd.	Jindals Consortium in association with Dracs Consultancy and Construction Private Limited
8	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	Association	M/s L N Malviya Infra Projects Pvt. Ltd.	Intratech civil Solution & Consultant

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

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

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

scores less than 75% marks, the proposal shall be considered non-responsive”.

6. Accordingly, the detailed evaluation sheets are enclosed at Annexure A.

7. In its evaluation, the committee 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 :

Sl. 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	96.83	1 –Feedback 2- Satra
5	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	39	18	37.34	94.34	2
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	92.73	0
7	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Construction Private Limited	40	15	36.66	91.66	0
8	M/s LN Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	40	20	36.61	96.61	1

Ajay

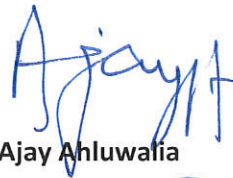
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8. In view of the above, TEC has decided to ask the bidders to submit their comments within 7 days as per Clause 10 (vii) data sheet of RFP by uploading Technical Score on website.

9. Finance has evaluated Annual Turnover and associated marks only.

Meeting ended with vote of thanks to Chair.



Ajay Ahluwalia
(ED-V)
Convener



AK Jha,
GM(T)
Member



Vivekanand Jaiswal
DGM (T)
Member



Bhaskar Mallick
Man (Finance)
Member

Annexure-A

5. no	Details of documents to be submitted as per RFP							
		1	2	3	4			
	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	M/s Marc Technocrats Private Limited	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (OpC) Private Limited	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Construction Private Limited	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant
1.	Power of Attorney for signing the Application	Yes	Yes	Yes	Yes	Yes	Yes	Yes
2.	If applicable, the Power of Attorney for Lead Member of JV;	-	-	-	Shri Mohit Sinha	Shri Prakash Kumar	Shri Deepak Kapil	Shri Brajabandhu Sahoo
3.	Copy of Memorandum of Understanding between JV partners, if applicable;	Not Applicable	Not Applicable	Not Applicable	Yes	Yes	Yes	Not Applicable
4.	Copy of Memorandum of Understanding with Associate, if applicable.	Yes	NA	NA	NA	NA	Yes	Yes

S. no	Details of documents to be submitted as per RFP								
		1	2	3	4				
	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	M/s Marc Technocrats Private Limited	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Constructio n Private Limited	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	
5.	Firms' credentials as per format prescribed in SECTION-3 OF RFP. (The details are to be submitted through INFRACON only)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
6.	Technical proposal as per format prescribed in SECTION-4 OF RFP. (The details are to be submitted through INFRACON only.)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	

S. no	Details of documents to be submitted as per RFP								
		1	2	3	4				
	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	M/s Marc Technocrats Private Limited	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	M/s Feedback Infra Private Limited- Satra Services And Solutions Private Limited (JV)	M/s Planning & Infrastructural Development Consultants Pvt. Ltd- National Engineering Office Private Limited (JV)	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	M/s CMEC Consulting Engineers Pvt. Ltd.- Jindals Consortium in association with Dracs Consultancy and Construction Private Limited	M/s L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	
7.	Online Payment Receipt towards cost of RFP of Rs. 5,000/- +12% GST in favour of NHIDCL.	E-Pay order CNABCSAUT O dated 26.08.2020	IMPS vide Ref No. 02391310980 5 dated 26.08.2020	NEFT vide IOBAN2023909972 7 dated 26.08.2020 (IOB)	NEFT N24020122492677 2 dated 27.08.2020	NEFT N23920122402358 6 dated 26.08.2020	NEFT Vide UTR IOBAN2023915166 5 dated 26.08.2020 (IOB)	INDIAN Bank Cheque No. 342027 dated 24.08.2020	NEFT vide ref no. BARBU2023930858 5 dated 26.08.2020
8.	Integrity Pact as per clause 4.1 (B) (IV) of Section 2 of RFP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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	38.75	
2	Experience in use of technology for road inspection			20	15	15.00	
	Qualifications and competence of the key staff for the assignment			40	37.14	36.56	
3	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						90.31	

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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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	36.54	
	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	3.40	85
Total Marks				96.04	

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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Firm Name: M/s Geo Designs and Research 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	19.00	
3	Qualifications and competence of the key staff for the assignment		40	36.04	
	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	5.34	89
		Bridge Expert	6	5.46	91
		Road Safety Expert	4	3.40	85
Total Marks				95.04	

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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Firms Name: M/s Feedback Infra Pvt. Ltd. in association with Satra Services and solutions 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	20.00	
3	Qualificationsandcompetence ofthekeystafffortheassignment		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	

Consultancy services for Authority's Engineer for Supervision of:

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

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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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	
	Qualifications and competence of the key staff for the assignment			40	37.14	36.73	
3	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	

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 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	

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	

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 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

3.1 Team Leader : Amarendra Prasad				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
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	
2	Adequacy for the Project	70	69	
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	>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
	Total:	100	94	
		12	11.28	
	Age on bid due date: Not more than 65 years.	01-07-1961	27-08-2020	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.				

3.2 Resident cum Highway Engineer-1: Mr. H K Prasad Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.		23-10-1966	04-06-2020	54
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: Mr. Jai Prakash Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.		07-07-1958	04-06-2020	62
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

3.3 Bridge/Structural Engineer: Mr. Upender Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post Graduation in Structural Engineering	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 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	-
	Total:	100	91	91	
		6	5.46	5.46	
	Age on bid due date: Not more than 65 years.	08-12-1975		04-06-2020	45
Note: (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 (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

3.3 Senior Quality cum Material Expert: Mr. Zaheer Ahmad Siddiqui					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	67.5	
	Professional Experience				
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	
	Total:	100	91	88.5	
		2	1.82	1.77	
	Age on bid due date: Not more than 65 years.		15-11-1962	04-06-2020	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.					

3.3 Senior Quality cum Material Expert: Mr. Amod Kumar Thakur					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	65	
	Professional Experience				
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, P5- P4-4Y2M, 2Y9M TOTAL- 8Y3M
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
	Total:	100	91	86	
		2	1.82	1.72	
	Age on bid due date: Not more than 65 years.		26-03-1962	04-06-2020	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.					

3.3 Senior Quality cum Material Expert: Mr. BPG					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	75	70	
	Professional Experience				
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
	Total:	100	96	91	
		2	1.92	1.82	
	Age on bid due date: Not more than 65 years.		03-08-1965	04-06-2020	55
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.					

3.4 Senior Pavement Specialist: Mr. Ganeshwar Pradhan					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	-
	Total:	100	91	91	
		6	5.46	5.46	
	Age on bid due date: Not more than 65 years.	19-01-1962		04-06-2020	58
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.					

3.7 Road Safety Expert: Mr. Kiran Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	25	
i)	Graduate in Civil Engineering	21	21	21	YES
ii)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	YES
2	Adequacy for the Project	70	70	69	
	Professional Experience				
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	
	Total:	100	95	94	
		4	3.80	3.76	
	Age on bid due date: Not more than 65 years.		08-08-1970	04-06-2020	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

3.1 Team Leader cum Senior Pavement Engineer: Kawal Bas Singh				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
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	
2	Adequacy for the Project	70	66	
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	>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	
	Total:	100	91	
		12	10.92	
	Age on bid due date: Not more than 65 years.			DOB-08/11/1959 (61 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.				

3.2 Resident cum Highway Engineer-1: Feroz hashmi					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.				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.

3.2 Resident cum Highway Engineer-2: Shankar Paul					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.				DOB-22/01/1976 (45 years)

Note:(1) Similar Capacity includes the following positions

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

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

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

3.3 Senior Quality cum Material Expert: Bikram Hotta				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	
	Total:	100	96	
		2	1.92	
	Age on bid due date: Not more than 65 years.			DOB-07/07/1978 (42years)
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.				

3.3 Senior Quality cum Material Expert: Niranjan Kumar Pathak				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
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.
2	Adequacy for the Project	70	70	
	Professional Experience			
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	
	Total:	100	91	
		2	1.82	
	Age on bid due date: Not more than 65 years.			DOB-08/09/1976 (44 years)
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.				

3.3 Senior Quality cum Material Expert: MITHILESH KUMAR JHA					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.				DOB-12/03/1963 (58 years)
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.					

3.3 Bridge/Structural Engineer: Rana Dharmendra Pratap Singh				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	17-01-1961	14-07-2020	60
Note: (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 (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.				

3.4 Senior Pavement Specialist: Ashish kumar				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	16-04-1977	14-07-2020	43
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.				

3.7 Road Safety Expert: Pradeep Kumar				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	
	Total:	100	95	
		4	3.80	
	Age on bid due date: Not more than 65 years.			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	Lead -43 Personnel (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	
*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 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)
	Total Marks	40	40	40	

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

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

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

Evaluation sheet for assessment of experience in use of technology for road inspection					
S. No.	Description	Maximum Points	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7	7	7	
1.1	Equipment	4	4	4	
	(a) Equipment on MOU with Associate or on hiring basis- 2 marks				
	(b) Own Equipment – 4 marks				pg 764 (Satra)
1.2	Experience	3	3	3	
(i)	1-2 projects	1			
(ii)	3-5 projects	2			
(iii)	> 5 projects	3			
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4	4	4	
2.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				pg 718 (Feedback)
2.2	Experience	2	2	2	4 nos pg 728-736
(i)	1-3 Projects	1			
(ii)	>3 Projects	2			
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5	5	5	
3.1	Equipment	2	2	2	
	(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	Experience in Retro reflectometer technology	4	4	4	
4.1	Equipment	2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis- 1 mark				
	(b) Own Equipment – 2 marks				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			
	Total	20	20	20	

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

3.1 Team Leader cum Senior Pavement Engineer: Dr. Vivek Naidu				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
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	
2	Adequacy for the Project	70	70	
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
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	
	Total:	100	91	
		12	10.92	
	Age on bid due date: Not more than 65 years.			DOB-17/02/1968 (53 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.				

3.2 Resident cum Highway Engineer-1: SATISH RAJ				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	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	Adequacy for the Project	70	70	
	Professional Experience			
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	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 firm, available for assignment (Refer pg. no. 524)
	Total:	100	91	
		3	2.73	
	Age on bid due date: Not more than 65 years.			DOB-22/01/1976 (44.18 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: Ayan Bandyopadhyay				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	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	Adequacy for the Project	70	70	
	Professional Experience			
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	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 firm, available for assignment (Refer pg. no. 567)
	Total:	100	91	
		3	2.73	
	Age on bid due date: Not more than 65 years.			DOB-03/02/1975 (45.15 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.				

3.3 Senior Quality cum Material Expert: alok kumar jha				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	
	Total:	100	94.5	
		2	1.89	
	Age on bid due date: Not more than 65 years.			DOB-23/08/1970 (50 years)
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.				

3.3 Senior Quality cum Material Expert: Apurba Kumar Medhi				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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
	Total:	100	91	
		2	1.82	
	Age on bid due date: Not more than 65 years.			DOB-31/03/1969 (51 years)
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.				

3.3 Senior Quality cum Material Expert: Rajesh Kumar				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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
	Total:	100	91	
		2	1.82	
	Age on bid due date: Not more than 65 years.			DOB-23/02/1976 (45 years)
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.				

3.3 Bridge/Structural Engineer: Amrendra Narayan				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	31-12-1971	27-08-2020	49
Note: (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 (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.				

3.4 Senior Pavement Specialist: DADAN SINGH				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	16-08-1971	14-07-2020	49

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.

3.5 Road safety Expert: Satish NL				
S. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed for self-assessment
1	General Qualification	25	25	
	I) Graduate in Civil Engineering	21	21	
	II) Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	
2	Adequacy for the Project	70	70	
	Professional Experience			
	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	Employment with the Firm	5	5	
	<1 year- 0			
	1 year – 3 marks			
	Add 0.5 marks for each subsequent year subject to maximum 2 marks			
	Total :	100	100	
		4	4	
	Age on bid due date: Not more than 65 years.			DOB-26/10/1977 (43 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)"

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	36.04	
	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	5.34	89
		Bridge Expert	6	5.46	91
		Road Safety Expert	4	3.40	85
Total Marks				95.04	

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				
*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	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

3.1 Team Leader cum Senior Pavement Engineer: Satyendra Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
a)	Professional Experience in Highway Projects:				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	>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
	Total:	100	91	91	
		12	10.92	10.92	
	Age on bid due date: Not more than 65 years.				DOB-09-01-1964 (57 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.					

3.2 Resident cum Highway Engineer-1: Aftabur Rehman					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.				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.

3.2 Resident cum Highway Engineer-2: Dilip Pandey					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.				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.

3.3 Senior Quality cum Material Expert: Sisira Kumar Pradhan					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.				DOB-09/02/1983 (38 years)
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.					

3.3 Senior Quality cum Material Expert: Srinivas Rao Venkayala					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.				DOB-15/06/1982 (38 years)
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.					

3.3 Senior Quality cum Material Expert: Chitaranjan Sahoo					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.				DOB-22/05/1984 (36 years)
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.					

3.3 Bridge/Structural Engineer: Shri ram choudhary				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	05-08-1971	27-08-2020	49
Note: (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 (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.				

3.4 Senior Pavement Specialist: Kaushal Kishor				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	4	
2	Adequacy for the Project	70	64	
	Professional Experience			
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	14	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	-
	Total:	100	89	
		6	5.34	
	Age on bid due date: Not more than 65 years.	10-04-1984	14-07-2020	36
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.				

3.7 Road Safety Expert: K J V Ramana Rao					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	25	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	
2	Adequacy for the Project	70	70	60	
	Professional Experience				
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	0	0
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	
	Total:	100	95	85	
		4	3.80	3.40	
	Age on bid due date: Not more than 65 years.				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	
2.1	Equipment		2	2	2	427
	(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

3.1 Team Leader : Mr. Sanjay Tiwari					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	25	
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	
2	Adequacy for the Project	70	70	66	
a)	Professional Experience in Highway Projects:				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	>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
	Total:	100	95	91	
		12	11.40	10.92	
	Age on bid due date: Not more than 65 years.		23-09-1965	26-08-2020	55
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.					

3.2 Resident cum Highway Engineer-1: Mr. Jitender Kumar Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
i)	Graduate in Civil Engineering	21	21	21	
ii)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.		02-08-1965	26-08-2020	55
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: Mr. R P Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	67	
	Professional Experience				
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	
	Total:	100	91	88	
		3	2.73	2.64	
	Age on bid due date: Not more than 65 years.		15-08-1982	27-08-2020	38
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

3.3 Senior Quality cum Material Expert: Mr. Surya Bhushan Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.		02-09-1966	27-08-2020	54
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.					

3.3 Senior Quality cum Material Expert: Mr. Ram Prakash Sharma					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.		04-07-1962	27-08-2020	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.					

3.3 Senior Quality cum Material Expert: Mr. Dinesh Kumar Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	66	
	Professional Experience				
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
	Total:	100	91	87	
		2	1.82	1.74	
	Age on bid due date: Not more than 65 years.		01-02-1977	27-08-2020	44
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.					

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	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Structural Engineering	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 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
	Total:	100	94	94	
		6	5.64	5.64	
	Age on bid due date: Not more than 65 years.	02-12-1969		26-07-2020	51

Note:

(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

(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.

3.4 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
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	-
	Total:	100	91	91	
		6	5.46	5.46	
	Age on bid due date: Not more than 65 years.	20-01-1972		27-08-2020	49
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.					

3.7 Road Safety Expert: Mr. Ashish Rahate					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 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
	Total:	100	96	96	
		4	3.84	3.84	
	Age on bid due date: Not more than 65 years.		09-03-1967	27-08-2020	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 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 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	36.54	
	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	3.40	85
Total Marks				96.04	

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

3.1 Team Leader cum Senior Pavement Engineer: ANIL K DAYAL					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	25	
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	
2	Adequacy for the Project	70	70	70	
a)	Professional Experience in Highway Projects:				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	>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	
	Total:	100	95	95	
		12	11.40	11.40	
	Age on bid due date: Not more than 65 years.				DOB-16/01/1967 (54 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.					

3.2 Resident cum Highway Engineer-1: Bidhan Madhukar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.				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	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.				DOB-20/10/1962 (58 years)

Note:(1) Similar Capacity includes the following positions

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

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

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

3.3 Senior Quality cum Material Expert: Shishir Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	68	68	
	Professional Experience				
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	
	Total:	100	89	89	
		2	1.78	1.78	
	Age on bid due date: Not more than 65 years.				DOB-29.09.1985 (34.9 years)
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.					

3.3 Senior Quality cum Material Expert: R Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.				DOB-13/09/1963 (57 years)
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.					

3.3 Senior Quality cum Material Expert: Rajeev Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.				DOB-02/12/1965 (55 years)
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.					

3.3 Bridge/Structural Engineer: Aditya Ishwar				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	21	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	0	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	91	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	05-01-1961	14-07-2020	60
Note: (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 (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.				

3.4 Senior Pavement Specialist: Ananta Prasad Sahu				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	21	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	0	0	
2	Adequacy for the Project	70	69	
	Professional Experience			
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	-
	Total:	91	90	
		6	5.40	
	Age on bid due date: Not more than 65 years.	05-04-1966	14-07-2020	54
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.				

3.7 Road Safety Expert: Abhishankar Parashar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	25	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	
2	Adequacy for the Project	70	70	60	
	Professional Experience				
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	0	22
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	
	Total:	100	95	85	
		4	3.80	3.40	
	Age on bid due date: Not more than 65 years.				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)

Sr. No.	Particulars		Max Points	Points Scored	% Marks
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

3.1 Team Leader cum Senior Pavement Engineer: Shyam Lal Bhagat				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
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	
2	Adequacy for the Project	70	70	
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	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 Construction /Co Supervision/ Authority Engineer /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
Total:		100	94.5	
		12	11.34	
Age on bid due date: Not more than 65 years.		15-07-1955	14-07-2020	65
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	General Qualification	25	25	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	4	
2	Adequacy for the Project	70	70	
	Professional Experience			
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/ Highway Engineer /Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Construction Supervision /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	-
	Total:	100	95	
		3	2.85	
	Age on bid due date: Not more than 65 years.	08-07-1975	10-06-2020	45
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: SACHIDANAND PRASAD YADAV				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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/ Highway Engineer /Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/ Construction Supervision /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	-
	Total:	100	94.5	
		3	2.84	
	Age on bid due date: Not more than 65 years.	18-02-1960	10-06-2020	60
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.				

3.3 Bridge/Structural Engineer: Shashi Bhushan Sharma				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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 Construction /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 Construction /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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	05-07-1961	10-06-2020	59
Note: (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 (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.				

3.3 Senior Quality cum Material Expert: Sunil Kumar				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
i)	Graduate in Civil Engineering	21	21	
ii)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	94	
		2	1.88	
	Age on bid due date: Not more than 65 years.	05-03-1966	10-06-2020	54
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.				

3.3 Senior Quality cum Material Expert: Anup Kumar Mishra				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
i)	Graduate in Civil Engineering	21	21	
ii)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	94.5	
		2	1.89	
	Age on bid due date: Not more than 65 years.	02-01-1973	10-06-2020	47
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.				

3.3 Senior Quality cum Material Expert: Sharad Saxena				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
i)	Graduate in Civil Engineering	21	21	
ii)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
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	-
	Total:	100	91	
		2	1.82	
	Age on bid due date: Not more than 65 years.	27-10-1970	10-06-2020	50
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.				

3.4 Senior Pavement Specialist: AKELLA BALA BALAJI SHARMA				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	
2	Adequacy for the Project	70	70	
	Professional Experience			
i)	Total Professional Experience of Pavement Design/Construction/ Construction supervision 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/ Highway 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	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	-
	Total:	100	91	
		6	5.46	
	Age on bid due date: Not more than 65 years.	01-06-1982	10-06-2020	38
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.				

3.7 Road Safety Expert: Arindam Mukhopadhyay				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
I)	Graduate in Civil Engineering	21	21	
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	
2	Adequacy for the Project	70	65	
	Professional Experience			
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	
	Total:	100	95	
		4	3.80	
	Age on bid due date: Not more than 65 years.	11-08-1980	10-06-2020	40
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	38.75	
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						90.31	

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	2	2 Projects pg-129
Total			40	40	38.75	

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	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	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	1			
(ii)	>3 Projects	2			
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	1			
(ii)	3-5 Projects	2			
(iii)	> 5 Projects	3			
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	1			
(ii)	>3 Projects	2			
Total			20	15	

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

3.1 Team Leader : Rajesh Tripathi				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
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	
2	Adequacy for the Project	70	70	
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 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
	Total:	100	91	
		12	10.92	
	Age on bid due date: Not more than 65 years.			DOB-02/12/1969 (50.1 years)
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2(c), (d) where the input of the personnel is not < 12 months.				

3.2 Resident cum Highway Engineer-1: Mr. A Arunendra Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.		20-07-1967	04-06-2020	53
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: Mr. Ashok Kumar Sharma					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		3	2.73	2.73	
	Age on bid due date: Not more than 65 years.		07-07-1958	04-06-2020	62
Note:(1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

3.3 Bridge/Structural Engineer: Mr. Lalit Vijay					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post Graduation in Structural Engineering	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 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	-
	Total:	100	91	91	
		6	5.46	5.46	
	Age on bid due date: Not more than 65 years.	16-12-1975		04-06-2020	44
Note: (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 (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

3.3 Senior Quality cum Material Expert: Mr. Manoj Rai					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.		01-02-1975	04-06-2020	45
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.					

3.3 Senior Quality cum Material Expert: Mr. Anupam Mishra					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.		01-06-1973	04-06-2020	47
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.					

3.3 Senior Quality cum Material Expert: Mr. Sushil Kumar Rai					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
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	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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
	Total:	100	91	91	
		2	1.82	1.82	
	Age on bid due date: Not more than 65 years.		01-07-1970	04-06-2020	50
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.					

3.4 Senior Pavement Specialist: Mr. Ganeshwar Pradhan					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
I)	Graduate in Civil Engineering	21	21	21	
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	0	
2	Adequacy for the Project	70	70	70	
	Professional Experience				
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	-
	Total:	100	96	91	
		6	5.76	5.46	
	Age on bid due date: Not more than 65 years.	07-04-1956		04-06-2020	64
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.					

3.7 Road Safety Expert: Mr. Yogesh.V.K				
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
I)	Graduate in Civil Engineering	21	21	YES
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	YES
2	Adequacy for the Project	70	70	
	Professional Experience			
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	
	Total:	100	95	
		4	3.80	
	Age on bid due date: Not more than 65 years.	06-02-1975	28-07-2020	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				