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 3rd Floor, PTI Building, 4-Parliament Street, New Delhi-110001, +91 11 23461600, www.nhidcl.com





(भारत सरकार का उद्यम) NHIDCL/Nagaland/ KJ/ AE/123-2 (A Government of India Enterprise)

Dated: 24.09.2020

To

All the Technically Qualified Bidders

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

- (i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)
- (ii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 30.474 (near Kidwema road Chakahabama) to existing km 53.220 (near Kikruma Village) [Design Km 29.6 to design Km 51.5] [Design Length 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)
- (iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)-Technical Evaluation Regd.
- 1. Based on the Technical Evaluation, following firms are found technically qualified for the subject project. A copy of the Minutes of Meeting of the Technical Bid Evaluation Committee (TEC) is also enclosed herewith for information of applicant bidders.

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



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

Technically Responsive

2. Accordingly, the financial bid for the subject project shall be opened on 28.09.2020 at 1500 Hours at NHIDCL HQ.

Encl.: As above.

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

- (i) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) From existing km 7.880 (near Chedama Junction) to existing km 30.474 (near Chakahabama) [Design Km 7.88 to design Km 29.6] [Design Length 21.72 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package-I)
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- (iii) Construction of two lane with hard shoulder of Kohima-Jessami Road on NH-29 (Old NH-150) from existing km 53.220 (near Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)
- 1. TEC had opened the Technical bids on 28.08.2020. The Technical Bid Evaluation Committee (TEC) met on 15.09.2020 to evaluate the proposals as per the terms of RFP document. TEC had observed that the participating firms as mentioned above in para 2(b) are technically qualified in terms of provisions of RFP. The Technical score of the firms are as under:

S. No.	Name of Bidder	Relevant Experience of the firm (Total Score 40)	Evaluation criteria for assessment of experience in use of technology for road inspection (Total Score20)	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

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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 L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	40	20	36.61	96.61	1

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

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

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

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M/s Redcon
(India) Private
Limited in
3. Association with
Subudhi Techno
Engineers
Private Limited

We have observed few points with regard to our firm's marking and like to apprise esteemed Authority that during the preparation of Self Evaluation Sheet of Technical Proposal as per the new parameter of Experience in use of technology for road inspection as required in the RFP, we have inadvertently mentioned the score 15 in place of 20. Secondly, in our project namely "Feasibility Study and Preparation of Detailed Project Reports for Upgradation of the Existing 2-Lane Single Carriageway Carriageway 4/6-Lane Divided between Km. 0/0 to 50/700 (Section Zirakpur to Patiala) including 12 no. Bridges, 1 ROB (1200 meter) & 2 Grade Separators (600 m each) of NH-64 in Punjab (Under DBFOT Scheme)" there are two Grade Separators (Structure Details (i Grade Separator / Flyover 4 lane 650 meter and iii Grade Separator 2 lanes 600 meter length), which are of more than 500 meter length and mentioned at page number 120 of our submitted proposal. However these structures are not considered and 1 mark for the same are also not given in our Firm's Credential Evaluation.

In view of the above fact, we assume that these marks will directly affect our scoring, as by adding up this figure our Technical Evaluation Score would raise upto 96.31 marks from 90.31 marks. Since this mistake had been unwittingly done by us and the documentation pertaining to all Technologies experience certificates along with the ownership proof possessing the technologies were incorporated in our submitted Technical Proposal Documents from page number 164 to page

number 217. So, we request the

- 1. The evaluation committee taking cognizance of the request from M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited, revluated the firm credentials and after inclusion of the project, 3 marks have been awarded to the bidder. Accordingly, the revised marks has now been incorporated in revised TEC
- 2. With regards to increase of marks as sought by the bidder for Experience in use of technology for road inspection, the same was revaluated. Since the certificates attached as proof of owning/leasing the vehicle clearly shows that the work has been outsourced to M/s TASPL, hence the marks awarded to the bidder for leasing are correct and therefore requires no revision.

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esteemed committee to kindly consider and re-examine our evaluation for the integrity.	

4. Accordingly, the revised technical score is as follows:

S. No.	Name of Bidder	Relevant Experience of the firm (Total Score 40) Evaluation criteria for assessment of experience in use of technology for road inspection (Total Score20) Qualifications and competence of the key staff for the assignment (Total Score		Total Score (Total Score 100)	Contracts awarded in NHIDCL (as per clause 23 of the RFP)	
1	M/s Redcon (India) Private Limited in Association with Subudhi Techno Engineers Private Limited	39.75	15	36.56	91.31	1
2	M/s Marc Technocrats Private Limited	39.50	20	36.94	96.44	0
3	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	40	19	36.74	95.74	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

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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 L N Malviya Infra Projects Pvt. Ltd. in association with Intratech civil Solution & Consultant	40	20	36.61	96.61	1

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

Meeting ended with vote of thanks to Chair.

Ajay Ahluwalia

(ED-I)

Convener

K Jha,

GM(T)

Member

Vivekanand Jaiswal

DGM (T)

Member

Bhaskar Mallick

Man (Finance)

Member

Consultancy services for Authority's Engineer for Supervision of

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

Firm Name							
Sr. No.		Particulars Max Points F					
1	Relevant experience for	the ass	ignment	40	40	40.00	Marks
2	Experience in use of ted	hnology	for road inspection	20	19	16.00	
	Qualifications and competence of the key staff for the assignment 40					36.73	
		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
3		4	Bridge/ Structural Engineer	6	5.46	5.46	91
	Key Personnel	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/Detail s of projects Claimed for self- assessment		
1	Average Annual Turnove consultancy business	r (last 3 years) from				Rs 66.34 Cr		
	< Rs. 12.04 Cr 0 marks		2	2 2		(Austha)		
	Rs. 12.04 Cr. – 1.5 marks Add for additional turnover 0.25 (Zero point		_	_	2	Rs 6.17 Cr		
	two five) marks for ever Rs.12.04 Cr. subject to max	ry Rs. 6.02 Cr above				(DN Consultant)		
2	Nos. of Highway Professio	nals with the firm *				32 Total key		
2.1	<10	0				personnel (Pg 153-		
2.2	>10 but <20	8				158) (Austha		
2.3	>20 but ≤30	9	10	10	10	Pg 153 - Key		
2.4	>30					personnel 11) (DN Consultant Pg 158- Key		
		10				personnel 21		

*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/ Construction Stof Highway Projects of 2/equal to 68.44 km or more 1 project – 8 marks, Add 1(one) mark exassignment of Author Independent Engineer antive) marks extra for consupervision consultancy stof (Two) marks.	upervision in Number 4/6-laning** of length e in last 7 years. Attra for completed ority Engineer / d add 0.5 (Zero point upleted assignment of	10	10	10	4 Projects pg 108
4	Experience in DPR/Fea Preliminary Design Rep Number of Highway Proje of length equal to 68.44 years. 1 project – 4 marks, Add 0.5 (Zero point five) additional project subject	5	5	5	3 Projects Pg 134	
5	In hand DPRs of Hig Projects (presently under					4 Danie ata
5.1	<2	0	10	10	10	4 Projects pg 141
5.2	2-5	5				P8 * * *
5.3	>5	10				
6	Experience in Construct DPR/Design Review of Malength of more than 500 m 1project-2.0 marks Add 0.5 (Zero point five) additional project subject	3	3	3	3 Projects Pg 108	
	Total		40	40	40	

Experience in use of technology for road inspection							
2	Evaluati	on Criteria for asses	•		e of technolo	gy for	
	road inspection						
S. No.	Descrip	Max Marks	Marks Claimed	Marks obtained	Reference/Details of projects Claimed for self-assessment		
1	Experience in Network Su better technology for p	7	5	6			
1.1	Equipn	nent	4		4	pg 175	
	(a) Equipment on MOU hiring b		2		0	pg 173	
	(b) Own Eq	uipment	4		4		
1.2	Experie	ence					
(i)	1-2 projects	1	3		2	3 (178,180,182,)	
(ii)	3-5 projects	2	3		2	3 (1/8,180,182,)	
(iii)	> 5 projects	3					
2	Experience in Falling W (FWD) or better techn strength mea	ology for pavement	4	3	4		
2.1	Equipn	ient	2				
	(a) Equipment on MOU with Associate or on hiring basis		1		2	pg 184	
	(b) Own Eq	uipment	2				
2.2	Experie	ence					
(i)	1-3 Projects	1	2		1	3(178,180,182,)	
(ii)	>3 Projects	2					
3	Experience in Mobile Brid better technology for		5	4	4		
3.1	Equipn	nent	2			pg 28 to 30	
	(a) Equipment on MOU hiring b		1		1	pg 20 to 30	
	(b) Own Eq	uipment	2				
3.2	Experie	ence				0	
(i)	1-2 Projects	1	3		3	8 (178,180,182,194,19	
(ii)	3-5 Projects	2	,		,	6, 198,200,202)	
(iii)	> 5 Projects	3				, -,,,	
4	Experience in Retro refle		4	0	3		
4.1	Equipn		2			40.5	
	(a) Equipment on MOU hiring b		1		2	pg 185	
	(b) Own Equipment		2				
4.2	Execution with owned through As		2		1	3 (178,180,182)	
(i)	1-3 Projects	1	2		1	3 (1/0,100,104)	
(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	3. Evaluation Criteria for assessment of score of Ke Team Leader : Amarendra Prasad		,	giiiiciit
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
l)	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	5	0	0
-,	maximum 2 marks			
	maximum 2 marks Total:	100	94	
		100 12 01-07-1961	94 11.28 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
- (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	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				
i)	Professional Experience 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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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			

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				
l)	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				
i)	Professional Experience 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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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			

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	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	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		0	0				
2	Adequacy for the Project	70	70	67.5				
i)	Professional Experience Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11		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 nos0 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			

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			
i)	Professional Experience 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		10	10 Years			
ii)	Experience in similar capacity in Construction / Construction Supervision of major Highway Projects ((similar configuration (2/4/6 laning**) and above)) < 5 years -0; 5 years -19 Add 2.0 (two) marks extra for each additional year of experience subject to maximum 6 (Six) marks.	25	25	25	P3- 1Y4M, P4-4Y2M, P5- 2Y9M 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 nos0 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		

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			
l)	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			
i)	Professional Experience 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.	pervision of major Highway Projects ration (2/4/6 laning**) and above)) 25 25 25 arks extra for each additional year of		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 nos0 2 nos 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.		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		

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.

	4 Senior Pavement Specialist: Mr. Ganeshwar Pradhan Marks self Marks Self Marks Self							
Sr. No.	Description	Max. Points	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		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	> 10 Years			
iii)	Experience in similar capacity as Pavement/Geotechnical 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 nos0 2 nos20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.		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.

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	25	VEC
I)	Graduate in Civil Engineering Post-Graduation in Traffic/ Transportation/ Safety	21	21	21	YES
II)	Engineering or equivalent	4	4	4	YES
2	Adequacy for the Project	70	70	69	
i)	Professional Experience 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 nos0 2 nos15 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 nos0 2 nos8 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 Kikruma 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 Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

	10. III/3 OIIIEO-01110	al (JV) in association with Dracs Consultancy			4		
Sr. No.		Particulars	Max Points	Points Scored			
1	Relevant experie	nce for the assignment	40	40.00	% Marks		
2	Experience in us	e of technology for road inspection	20	15.00			
	Qualifications an	d competence of the key staff for the assignment	40	36.66			
		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		
3		Senior Quality cum Material Expert 1	2	1.92	96		
	Key Personnel	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 o					
2	Evaluation Criteria for assessment of ex	perience in use	of technolog	y for		
	road inspection					
S. No.	Description	Max Marks	Marks obtained	Marks obtained	Reference/Detail s of projects Claimed for self- assessment	
1	Experience in Network Survey Vehicle (NSV) better technology for pavement inspection	or 7	5	5		
1.1	Equipment	4	2	2	MOU with AIPPL	
	(a) Equipment on MOU with Associate or hiring basis	on 2	0	2	pg 361	
	(b) Own Equipment	4	4	0		
1.2	Experience					
(i)	1-2 projects 1	3	3	3	>5 Proj pg 376	
(ii)	3-5 projects 2			_	0110) FB 01.0	
(iii)	> 5 projects 3					
2	Experience in Falling Weight Deflectomet (FWD) or better technology for pavement strength measurement		3	3		
2.1	Equipment	2				
	(a) Equipment on MOU with Associate or on hiring basis	1	1	1	MOU with AIPPL pg 361	
	(b) Own Equipment	2				
2.2	Experience					
(i)	1-3 Projects 1	2	2	2	>5 Proj pg 376	
(ii)	>3 Projects 2					
3	Experience in Mobile Bridge Inspection Unit o better technology for bridge inspection	r 5	4	4		
3.1	Equipment	2			MOU with AIPPL	
	(a) Equipment on MOU with Associate or on hiring basis	1	2	1	pg 361	
	(b) Own Equipment	2				
3.2	Experience					
(i)	1-2 Projects 1	3	3	3	>5 Proj pg 376	
(ii)	3-5 Projects 2	_			710	
(iii)	> 5 Projects 3				1	
4	Experience in Retro reflectometer technology	4	3	3		
4.1	Equipment	2			MOU with AIPPL	
	(a) Equipment on MOU with Associate or on hiring basis	1	2	1	pg 361	
	(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	\dashv			-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
(ii)	>3 Projects 2	20	4.5	15		
	Total	20	15	15		

	Relevant experience for the assignment							
1	1 Evaluation Criteria for Assessment of Experience of the Firm.							
S. No.	Descrip	tion	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Detail s of projects Claimed for self- assessment		
1	Average Annual Turnove consultancy business	r (last 3 years) from						
	< Rs. 12.04 Cr 0 marks					Lead-Rs 26.65 Cr		
	Rs. 12.04 Cr. – 1.5 marks		2	2	2	JV-6.23 Total Rs. 27.72 Cr		
	Add for additional turno two five) marks for eve	` .				27.72 Cf		
	Rs.12.04 Cr. subject to ma	•						
2	Nos. of Highway Professio	nals with the firm *						
2.1	<10	0				Lood 24		
2.2	>10 but <20	8	10	10	10	Lead -24 other-18		
2.3	>20 but ≤30	9				other 10		
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.

	E-marianas as Indonesidas	4 Em sim s am / Austh				1
3	Experience as Independent Engineer/ Construction Strong of Highway Projects of 2/equal to 68.44 km or more 1 project – 8 marks, Add 1(one) mark experience of the strong o	upervision in Number 4/6-laning** of length in last 7 years.	10	10	10	Lead- >9 (82 pg) Other -10 (235)
	assignment of Author Independent Engineer and five) marks extra for components of the consultancy so (Two) marks.	d add 0.5 (Zero point apleted assignment of ubject to maximum 2				outer 10 (200)
4	Experience in DPR/Fea Preliminary Design Rep Number of Highway Proje of length equal to 68.44 years. 1 project – 4 marks, Add 0.5 (Zero point five) additional project subject	ort preparation for ects of 2/4/6-laning** km or more in last 7 marks extra for each	5	5	5	Lead- >10 Projects pg 101 Other10 (260)
5	In hand DPRs of Hig Projects (presently under					7 projects
5.1	<2	0	10	10	10	(Pg 121)
5.2	2-5	5				Other >10 (299)
5.3	>5	10				
	Experience in Construction DPR/Design Review of Malength of more than 500 m	ajor structures having				
6	1project-2.0 marks Add 0.5 (Zero point five) additional project subje 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

Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
I)	Graduate in Civil Engineering	21	21	
,	Post-Graduation in Management/ Construction/			
ш	Transportation/ Highway Engineering/Structural	4	4	
II)	Engineering or equivalent specialised stream of civil	4	4	
	engineering			
2	Adequacy for the Project	70	66	
	Professional Experience in Highway Projects:			
•	Total Professional Experience in handling			
	Highway projects			
	< 12 years -0			
i)	12 years -8 marks	10	10	>15 Years
	Add 1 mark extra for each additional year of experience			
	subject to maximum 2 (two) marks.			
	Experience as Team Leader or similar capacity in			
	Highway Development Projects(similar			
	configuration (2/4/6 laning**) and above)			
ii)	< 5 years -0 5 years -11 marks	15	15	>10 years
	Add 1 mark extra for each additional year of experience			
	, ,			
	subject to maximum 4 (four) marks.			
	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			
	0 ,	_	_	0.40.44.40
iii)	above) on EPC	5	5	8,10,11,12
	1 project -4 marks add 1 mark extra for additional projects			
	subject to maximum1 (one) mark			
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	15	11	10,11
	Add 2 marks for each additional project subject to			
	maximum 4 marks.			
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
	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).	5	5	9,17
•	1 project — 4 marks			
	Add 1 mark extra for each additional project subject to			
	maximum 1 (one) mark			
	Employment with the Firm			
	< 1 year -0			
	1 year — 3 marks	5	0	
	Add 0.5 marks for each subsequent year subject to	•	Ŭ	
	maximum 2 marks			
	Total:	100	91	
		12	10.92	
		_		DOD 00/44/4050
	Age on bid due date: Not more than 65 years.	1		DOB-08/11/1959 (61 years)

- 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.

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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)

- 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	
l)	Graduate in Civil Engineering	21	21	21	
	Post Graduation in Transportation/Highway				
II)	Engineering/Structural Engineering/Geotechnical	4	0	0	
	Engineering or equivalent				
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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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		0	0	
	Total:	100	91	91	
		3	2.73	2.73	BOD/
	Age on bid due date: Not more than 65 years.				DOB-22/01/1976 (45 years)
			ı		(.5) 50.0)

- 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 nos0 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)

- (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.

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

ii) On behalf of Government: Executive Engineer

3.3	Senior Quality cum Material Expert: Niranjan Kumar Pat	hak		
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
l)	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 nos0 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)

- (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.

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

ii) On behalf of Government: Executive Engineer

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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 nos0 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)

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

(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.

ii) On behalf of Government: Executive Engineer

3.3	Bridge/Structural Engineer: Rana Dharmendra Pratap S	ingh		
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	
l)	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/Geotechnical 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 nos0 2 nos20 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		
l)	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		
i)	Professional Experience 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 nos0 2 nos15 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 nos0 2 nos8 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)	

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

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

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

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 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 Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Sr. No.		Max Points	Points Scored		
1	Relevant experience for the assignment		40	40.00	% Marks
2	Experience in use of technology for road inspection		20	20.00	/o IVIAI K
	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
3		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	Marks	Reference/Details of
			assessed by the bidder	obtained	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+204.2 2)/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)
2.1	<10	0	0	0	JV- 14 Personnel
2.2	>10 but ≤20	8	-	-	pg. no. 661
2.3	>20 but ≤30	9	-	-	
2.4	>30	10	10	10	1

*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.

on INFRA	CON.				
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.

	aluation sheet for assessment of experienc				ection	
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)	
	Experience	3	3	3		
(i)	1-2 projects	1				
(ii)	3-5 projects	2				
` '	> 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		
(i)	1-3 Projects	1			4 nos pg 728-736	
(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)	
	Experience	3	3	3		
(i)	1-2 Projects	1			4 Projects (2 Lead(pg 738)	
(ii)	3-5 Projects	2			& 2 JV pg 897)	
. ,	> 5 Projects	3				
	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)	
(i)	1-3 Projects	1			& 2 JV pg 897)	
(ii)	>3 Projects	2				
	Total	20	20	20		

3.1	Team Leader cum Senior Pavement Engineer: Dr.	Vivek Naid	du	
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	
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	SI. 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	SI. 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)

- 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	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	
i)	Professional Experience 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 EngineerProjects(similarconfiguration(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.	ector/Project Manager/Superintending Engineer or uivalent/Executive Engineer or equivalent on instruction works/Authority Engineer/Independent gineerProjects(similarconfiguration(2/4/6laning*) d above). 20 20 iyears -0; ears -15 marks d 1 marks extra for each additional year of experience		
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 nos0 2 nos19 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 ength 40% of project length or more of similar onfiguration (2/4/6 laning**) and above) Project- 4 marks 35 5 5 6d 1 (one) mark extra for each additional project ubject to maximum 1 (one) mark		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	t to maximum 2 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)

- 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 EngineerProjects(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 nos0 2 nos19 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	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)

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			
l)	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 nos0 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)		

- (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.

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

ii) On behalf of Government: Executive Engineer

3.3	Senior Quality cum Material Expert: Apurba Kumar Medhi					
Sr. No.	Description		Marks obtained	Reference/ Details of projects Claimed		
1	General Qualification	25	21			
l)	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 nos0 2 nos 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.		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)		

- (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.

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

ii) On behalf of Government: Executive Engineer

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 nos0 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)		

- (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.

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

ii) On behalf of Government: Executive Engineer

3.3	Bridge/Structural Engineer: Amrendra Narayan			
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
l)	Graduate in Civil Engineering	21	21	
II)	Post Graduation in Structural Engineering	4	0	
2	Adequacy for the Project	70	70	
i)	Professional Experience 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		0	-
	Total:	100	91	
		6	5.46	
Note:	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	
i)	Professional Experience 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/Geotechnical 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 nos0 2 nos20 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	
Noto	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 sa	afety 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				
	< 10 years -0	15		>15 years exp.	
	10 years -11 marks		15	r to yours oxp.	
	Add one mark extra for each additional year of experience subject to maximum 4 (four) marks.				
ii)	Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6 laning**) and above).				
	< 5 years -0	15	15	>10 Years	
	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 nos0	20	20	14,10,10,17	
	2 nos15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.				
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above)				
	< 2 nos0	10	10	15,16,17,18	
	2 nos8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.				
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks	5	5	14,16,17,18	
vi)	2 or more -5 marks Experience in similar capacity in field of Road				
	Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	14,16,17,18	
3	Employment with the Firm				
	<1 year- 0				
	1 year – 3 marks	5	5		
	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.				
Note:			<u> </u>		

- (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 Kikruma 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 Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

irm Nam	ie: M/s Geo Desigr	ns and Research Pvt. Ltd.			
Sr. No.		Points Scored			
1	Relevant experience for the assignment		40	40.00	% Marks
2	Experience in use of technology for road inspection		20	19.00	/0 Ivial KS
	Qualifications and competence of the key staff for the assignment		40	36.74	
	Key Personnel	Team Leader Cum Senior Pavement Engineer	12	10.92	91
		Resident cum Highway Engineer 1	3	2.73	91
		Resident cum Highway Engineer 2	3	2.73	91
3		Senior Quality cum Material Expert 1	2	1.82	91
		Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.82	91
		Senior Pavement Specialist	6	5.64	94
		Bridge Expert	6	5.46	91
		Road Safety Expert	4	3.80	95
		95.74			

	Relevant experience for the assignment									
1	Evaluation Criteria for Assessment of Experience of the Firm.									
S. No.	Descrip	otion	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Detail s of projects Claimed for self- assessment				
1	Average Annual Turnove consultancy business	er (last 3 years) from								
	< Rs. 12.04 Cr 0 marks				2 2	Rs 24.47 Cr (Pg 67)				
	Rs. 12.04 Cr. – 1.5 marks		2	2						
	Add for additional turno	` .								
	two five) marks for eve Rs.12.04 Cr. subject to ma	•								
2	Nos. of Highway Professio									
2.1	<10	0								
2.2	>10 but <20	8	10	10	10	40 key personnel				
2.3	>20 but ≤30	9				(Pg 98)				
2.4	>30	10								
*The n	rofessionals who nossess	s degree in Civil Eng	ingering/Tran	cnort Planning	/Transport	Fconomics/Traffic				

*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.

Person	nel on INFRACON.	-		_		
3	Experience as Independent Engineer/ Construction Stoff Highway Projects of 2/equal to 68.44 km or more 1 project – 8 marks, Add 1(one) mark exassignment of Author Independent Engineer an five) marks extra for consupervision consultancy stoff (Two) marks.	upervision in Number 4/6-laning** of length e in last 7 years. Attra for completed ority Engineer / d add 0.5 (Zero point appleted assignment of	r n 10 10 10 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 Hig Projects (presently under					
5.1	<2	0	10	10	10	8 projects (Pg 317)
5.2	2-5	5				(1 g 317)
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	

	Ex	perience in use of te	chnology for r	oad inspection	n		
_	Evaluation	Criteria for assessr	ment of exper	ience in use	of technolog	y for	
2		r	oad inspectio	n			
S. No.	Descripti	on	Max Marks	Marks obtained	Marks obtained	Reference/Detail s of projects Claimed for self- assessment	
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection		7	5	7		
1.1	Equipme	nt	4	2	4	Own 450 pg	
	(a) Equipment on MOU w hiring bas		2	2	0	Own 130 pg	
	(b) Own Equi	pment	4	0	4		
1.2	Experien						
(i)	1-2 projects	1	3	3	3	6 projets(pg 438-	
(ii)	3-5 projects	2	3	J	J	o projets(pg 100	
(iii) 2	> 5 projects Experience in Falling Wei (FWD) or better technologyteength measu	ogy for pavement	4	4	4		
2.1	Equipme	nt	2				
	(a) Equipment on MOU w hiring bas	ith Associate or on	1	2	2	Pg 451	
	(b) Own Equi	pment	2				
2.2	Experien	ce				7 mais sta na 420	
(i)	1-3 Projects	1	2	2	2	7 projects pg 439- 450	
(ii)	>3 Projects	2					
3	Experience in Mobile Bridg better technology for b	_	5	4	4		
3.1	Equipme	nt	2			Associatipon	
	(a) Equipment on MOU with Associate or on hiring basis		1	1	1	pg 497.	
	(b) Own Equi	•	2				
3.2	Experien	ce					
(i)	1-2 Projects	1	3	3	3	>6 projects	
(ii)	3-5 Projects	2	·		-	(Pg 456-322)	
(iii)	> 5 Projects	3	_				
4	Experience in Retro reflect		4	4	4	_	
4.1	Equipme		2			Pg 253 to257	
	(a) Equipment on MOU w	sis	1	2 2		Pg 253 t025/	
	(b) Own Equipment Execution with owned / hired Equipment /		2				
4.2	through Asso	ociate	2	2	2	7 projects	
(i)	1-3 Projects	1				(Pg 478-497)	
(ii)	>3 Projects	2	20	47	40		
	Total		20	17	19		

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

I) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4		Max. Points 25 21 4 70	Marks self assessed by the bidder 21 21 0	Marks obtained 21	Reference/ Details of projects Claimed
I) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Graduate in Civil Engineering Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering Adequacy for the Project Professional Experience in Highway Projects: Total Professional Experience in handling	21 4	21		
2 a) i	Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering Adequacy for the Project Professional Experience in Highway Projects: Total Professional Experience in handling	4		21	
2 a) i) ;	Adequacy for the Project Professional Experience in Highway Projects: Total Professional Experience in handling	70		0	
a)	Professional Experience in Highway Projects: Total Professional Experience in handling		70	70	
i)	Total Professional Experience in handling		,,,		1
	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	>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	DOD 00 04 400 1
1	Age on bid due date: Not more than 65 years.				DOB-09-01-1964 (57 years)

- (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.

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

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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		. •	<u>.</u>	
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	>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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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	
	Age on bid due date: Not more than 65 years.	3	2.73	2.73	DOB-31.05.1956 (64 years)

- 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	
l)	Graduate in Civil Engineering	21	21	21	
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical	4	0	0	
,	Engineering or equivalent			-	
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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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)

- 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							
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed		
1	General Qualification	25	21	21			
l)	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 nos0 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)		

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

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

ii) On behalf of Government: Executive Engineer

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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 nos0 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)

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

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

ii) On behalf of Government: Executive Engineer

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 nos0 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)

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

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

ii) On behalf of Government: Executive Engineer

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	69	
i)	Professional Experience Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	19	14 Years
ii)	Experience in Similar capacity in Construction/Construction Supervision of 2/4/6- laning** of major Highway Projects (similar configuration (2/4/6 laning**) and above) < 5 years -0; 5 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	10 Years
iii)	Experience in similar capacity as Pavement/Geotechnical 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 nos0 2 nos20 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	94	
		6	5.64	
Noto	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.

General Qualification	Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
Dest-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent 4	1	General Qualification	25		25	
Experience in similar capacity in Road Safety Audits of 24/6-1 smarks Add 2.5 marks extra for each additional project subject to maximum 4 flour) marks. Experience in similar capacity in identification and improvement of black spots subject to maximum 4 marks. Add 2.5 marks extra for each additional project subject to maximum 4 marks. Add 2.5 marks extra for each additional project subject to maximum 4 marks. Add 2.5 marks extra for each additional project subject to maximum 5 marks. Add 2.5 marks extra for each additional project subject to maximum 6 marks. Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above). 2 nos0 2 nos0 2 nos0 2 nos0 2 nos0 3 nos.	l)	Graduate in Civil Engineering	21	21		
2 Adequacy for the Project 70 70 70 70 Professional Experience 70 Total Professional Experience 70 Total Professional Experience 70 Total Professional Experience 70 Intal Professional Experience 70 Intal Professional Experience 71 Intal Professional Experience 71 Intal Professional Experience 71 Intal Professional Experience 72 Intal Professional Experience 72 Intal Professional Experience 73 Intal Professional Experience 74 Intal Professional Experience 74 Intal Professional Experience 74 Intal Professional Professiona	II)		4	4	4	
Professional Experience Total Professional Experience in handling Highway/Bridge projects 10 years -0 10 years -1 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks Experience in similar capacity in Road Safety works on Major Highway Project (similar configuration (2/4/6laning**) and above). Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway Project sat different stages including at least one at design stage Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage 20 20 20 20 8.10,13,19 2 nos15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks. Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) iv) < 2 nos0 2 nos0 arriks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks. Experience in similar capacity in field of Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks 2 or more -5 marks Experience in similar capacity in field of Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks Employment with the Firm 1 year -0 3 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks For the project -4 marks 2 or more -5 marks Employment with the Firm 1 year -0 3 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Project -4 marks 2 or more -5 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Employment with the Firm 1 year -0 3 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Project -4 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Employment with the Firm 1 year -0 3 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	2		70	70	70	
Total Professional Experience in handling Highway/Bridge projects <i (2="" (four)="" (similar="" -0="" -1="" -4="" -5="" 1="" 10="" 13,19,29,37="" 2="" 2.5="" 3="" 4="" 5="" 6-="" 6-laning**)="" 6laining**)="" <2="" <5="" above)="" above).="" add="" additional="" and="" at="" audits="" black="" capacity="" configuration="" design="" different="" each="" employment="" experience="" extra="" field="" firm="" for="" highway="" identification="" ii)="" iii)="" improvement="" in="" including="" inter="" iv)="" laning**="" least="" major="" management="" mark="" marks="" marks.="" maximum="" more="" near="" near<="" nos0="" nos15="" of="" on="" one="" or="" plans="" preparing="" project="" projects="" road="" safety="" similar="" spots="" stage="" stages="" subject="" td="" the="" to="" urban="" with="" works="" year="" years=""><td></td><td></td><td></td><td></td><td></td><td></td></i>						
Major Highway Project (similar configuration (2/4/6laning**) and above). 5 years-11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks. 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 iii) <2 nos0 2 nos15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks. Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) iv) <2 nos8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks. Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks Experience in similar capacity in field of Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks Experience in similar capacity in field of Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks Employment with the Firm <1 year -0 3) 1 year -0 3) Age on bid due date: Not more than 65 years. DOB-19/08/1968	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	15	15	15	>15 years
2/4/6- laning** Highway projects at different stages including at least one at design stage <pre></pre>	ii)	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	15	15	15	>10 years
improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) 2 nos8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks. Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks Employment with the Firm <1 year -0 3) 1 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Total: 100 10 10 10 10 13,19,29,37 10	iii)	2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos0 2 nos15 marks Add 2.5 marks extra for each additional project subject to	20	20	20	8,10,13,19
Wanagement Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks Employment with the Firm < 1 year -0 3) 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Total: 100 95 95 Age on bid due date: Not more than 65 years.	iv)	improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos0 2 nos8 marks Add 2 marks extra for each additional improvement of	10	10	10	13,19,29,37
vi) Management Plan 1 project -4 marks 2 or more -5 marks 5 5 34,37 Employment with the Firm 1 year -0 0 0 3) 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks 5 0 0 Total: 100 95 95 Age on bid due date: Not more than 65 years. DOB-19/08/1968	v)	Management Plans for Inter Urban Highway 1 project -4 marks	5	5	5	34,37
3) 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 Age on bid due date: Not more than 65 years. DOB-19/08/1968	vi)	Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	34,37
Age on bid due date: Not more than 65 years. 4 3.80 3.80 DOB-19/08/1968 DOB-19/08/1968	3)	< 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to	5			
Age on bid due date: Not more than 65 years. DOB-19/08/1968		Total:	100	95		
			4	3.80	3.80	
		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 Kikruma 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 Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Sr. No.		Particulars	Max Points	Points Scored	
1	Relevant experience for the assignment		40	40.00	Marks
2	Experience in use of technology for road inspection		20	20.00	Ividiks
	Qualifications and competence of the key staff for the assignment		40	36.61	
		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
3		Senior Quality cum Material Expert 1	2	1.82	91
	Key Personnel	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 experie	ence for the as	signment				
1	Evaluation Criteria for Assessment of Experience of the Firm.							
S. No.	Descrip	tion	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Detail s of projects Claimed for self- assessment		
1	Average Annual Turnove consultancy business	r (last 3 years) from				Rs 77.24 Cr (PG 50)		
	< Rs. 12.04 Cr 0 marks			2	2 2			
	Rs. 12.04 Cr 1.5 marks		2					
	Add for additional turno	ver 0.25 (Zero point						
	two five) marks for ever	•						
	Rs.12.04 Cr. subject to max	kimum 0.5 marks.						
2	Nos. of Highway Profession	nals with the firm *						
2.1	<10	0				20 11		
2.2	>10 but <20	8	10	10	10	38 key personnel (Pg 338)		
2.3	>20 but ≤30	9				(Fg 330)		
2.4	>30	10						
*The p	rofessionals who possess	degree in Civil Eng	ineering/Tran	sport Planning	/Transport	Economics/Traffic		

*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.

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.	3 IE (Pg)
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. 5 5 5 1 project – 4 marks, Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1 mark.	4 Projects (Pg 187)
In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress)	
5.1 <2 0 10 10 10	6 projects (Pg 240)
5.2 2-5 5	(rg 240)
5.3 >5 10	
1 6 Inroject = / () marks	3 STRUCTURE ² g 364,370,374)
Total 40 40 40	

	Ехр	erience in use of te	chnology for re	oad inspection	า		
_	Evaluation C	Criteria for assessr	nent of exper	ience in use	of technolog	y for	
2		r	oad inspectio	n			
S. No.	Descriptio	n	Max Marks	Marks obtained	Marks obtained	Reference/Detail s of projects Claimed for self- assessment	
1	Experience in Network Surve better technology for pave		7	7	7		
1.1	Equipmen	t	4	4	4	418	
	(a) Equipment on MOU wit hiring basi		2	0	0	410	
	(b) Own Equip	ment	4	4	4		
1.2	Experienc					6	
(i)	1-2 projects	1	3	3	3	(435,437,439,440,	
(ii)	3-5 projects	2	J	J	J	442,443)	
(iii) 2	> 5 projects Experience in Falling Weig (FWD) or better technolo strength measur	gy for pavement	4	4	4		
2.1	Equipmen	t	2				
	(a) Equipment on MOU wit	th Associate or on	1	2 2		427	
	(b) Own Equip	ment	2				
2.2	Experienc	e				6	
(i)	1-3 Projects	1	2	2	2	(435,437,439,440,	
(ii)	>3 Projects	2				442,443)	
3	Experience in Mobile Bridge better technology for bri	-	5	5	5		
3.1	Equipmen	t	2			422	
	(a) Equipment on MOU wit hiring basi		1	2	2	722	
	(b) Own Equip		2				
3.2	Experienc	e				6	
(i)	1-2 Projects	1	3	3	3	(448,450,452,454,	
(ii)	3-5 Projects	2				456,458)	
(iii)	> 5 Projects	3					
4	Experience in Retro reflecto		4	4	4		
4.1	Equipmen (a) Equipment on MOU wit		2			424	
	hiring basi	is	1	2	2	121	
	(b) Own Equip		2				
4.2	Execution with owned / h through Associ	ciate	2	2	2	6 (435,437,439,440,	
(i)	1-3 Projects	1				442,443)	
(ii)	>3 Projects	2	20	20	20		
	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	<u>25</u>	
I)	Graduate in Civil Engineering Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil	21 4	21	21 4	
	engineering				
2	Adequacy for the Project	70	70	66	
a) i)	Professional Experience in Highway Projects: Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks	10	10	10	>20 YEARS
	Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks. Experience as Team Leader or similar capacity in Highway Development Projects(similar				
ii)	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		0	0			
2	Adequacy for the Project	70	70	70			
	Professional Experience						
i)	Total Professional Experience in handling Highway projects < 12 years -0		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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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		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		

Age on bid due date: Not more than 65 years.

Note:(1) Similar Capacity includes the following positions

- (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.

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

3.2	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			
l)	Graduate in Civil Engineering	21	21	21			
•	Post Graduation in Transportation/Highway						
II)	Engineering/Structural Engineering/Geotechnical	4	0	0			
•	Engineering or equivalent						
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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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		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		

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 nos0 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		

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			
l)	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		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 nos0 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		

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

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

ii) On behalf of Government: Executive Engineer

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		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 nos0 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		

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				
i)	Professional Experience 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	
l)	Graduate in Civil Engineering	21	21	21	
	Post-Graduation in Transportation/Highway				
II)	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/Geotechnical 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 nos0 2 nos20 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.

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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 nos0 2 nos15 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 nos0 2 nos8 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 Kikruma 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 Kikruma Village) to existing km 76.320 (near Mesulumi Village) [Design Km 51.5 to design Km 74.2] [Design Length 22.7 Km] in the state of Nagaland Under Bharatmala Pariyojana on EPC Mode (Package III)"

Firm Nam	ie: M/s Marc Techi	nocrats Private Limited			
Sr. No.		Particulars	Max Points	Points Scored	
1	Relevant experie	nce for the assignment	40	39.50	% Marks
2	Experience in us	e of technology for road inspection	20	20.00	
	Qualifications an	d competence of the key staff for the assignment	40	36.94	
		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
3		Senior Quality cum Material Expert 1	2	1.78	89
	Key Personnel	Senior Quality cum Material Expert 2	2	1.82	91
		Senior Quality cum Material Expert 3	2	1.82	91
		Senior Pavement Specialist	6	5.46	91
		Bridge Expert	6	5.40	90
		Road Safety Expert	4	3.80	95
		Total Marks		96.44	

		Relevant experie	ence for the as	signment		
1	Evaluation Criteria for	Assessment of Expe	rience of the	Firm.		
S. No.	Descrip	tion	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Detail s of projects Claimed for self- assessment
1	Average Annual Turnover (last 3 years) from consultancy business					
	< Rs. 12.04 Cr 0 marks			2 2 1.5		Rs 16.9 Cr
	Rs. 12.04 Cr. – 1.5 marks		_			
	Add for additional turno					
	two five) marks for eve Rs.12.04 Cr. subject to ma	-				
2	Nos. of Highway Professio	nals with the firm *				
2.1	<10	0				
2.2	>10 but <20	8	10	10	10	40 pg 225
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.

	le ·				1	
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. I 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		10	10	10	10 Projects Pg (102)
	(Two) marks.	,				
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)					
5.1	<2	0	10	10	10	6 projects (Pg 167)
5.2	2-5	5				(rg 10/)
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							
Evaluation Criteria for assessment of experience in use of technology for							
	road inspection						
S. No.	Description		Max Marks	Marks obtained	Marks obtained	Reference/Detail s 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	Other member-	
	(a) Equipment on MOU with Associate or on hiring basis		2	0	0	424	
	(b) Own Equipment		4	4	4		
1.2	Experience	Experience		_			
(i)	1-2 projects	1	3	3	3	Lead-6(429)	
(ii)	3-5 projects	2	_	_	_	other- 3(459)	
(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				
	(a) Equipment on MOU with Associate or on hiring basis (b) Own Equipment		1	2	2	Lead-422 Other -425	
			2				
2.2	Experience					Lead-6(429)	
(i)	1-3 Projects	1	2	2	2	other- 3(459)	
(ii)	>3 Projects	2					
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection		5	5	5		
3.1	Equipment		2			Other-426	
	(a) Equipment on MOU with Associate or on hiring basis (b) Own Equipment		1	2	2	Ouler-420	
			2				
3.2	Experience						
(i)	1-2 Projects	1	3	3	3	Lead-6(429)	
(ii)	3-5 Projects	2	_	_		other- 3(459)	
(iii)	> 5 Projects	3					
4	Experience in Retro reflectometer technology		4	4	4		
4.1	Equipment (a) Equipment on MOU with Associate or on hiring basis (b) Own Equipment		2	2	2	Lead-423 Other -427	
			1				
			2				
4.2	Execution with owned / hired Equipment / through Associate		2	2	2	Lead-6(429)	
(i)	1-3 Projects	1				other- 3(459)	
(ii)	>3 Projects	2	20	20	20		
Total			20	20	20	<u> </u>	

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

3.1	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 Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering		4	<u>21</u> 4		
2	Adequacy for the Project	70	70	70		
i)	Professional Experience in Highway Projects: 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		0	0		
<u> </u>	Total:	100	95	95		
	Age on hid due date: Not more than 65 years	12	11.40	11.40	DOB-16/01/1967	
	Age on bid due date: Not more than 65 years.				(54 years)	
Note:	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	
l)	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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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		0	0	
	Total:	100	91	91	
		3	2.73	2.73	DOD 00/07/1006
	Age on bid due date: Not more than 65 years.				DOB-20/05/1968
					(52 years)

- 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	
l)	Graduate in Civil Engineering	21	21	21	
	Post Graduation in Transportation/Highway				
II)	Engineering/Structural Engineering/Geotechnical	4	0	0	
	Engineering or equivalent				
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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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)

- 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.

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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 nos0 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)

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

(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.

ii) On behalf of Government: Executive Engineer

Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	21	
l)	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 nos0 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)

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

(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.

ii) On behalf of Government: Executive Engineer

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 nos0 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)

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

(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.

ii) On behalf of Government: Executive Engineer

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

- (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/Geotechnical 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 nos0 2 nos20 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		

- (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.

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	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	>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 nos0 2 nos15 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 nos0 2 nos8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	10	17,20,14
v)	Experience in similar capacity of preparing Road Safety Management Plans for Inter Urban Highway 1 project -4 marks 2 or more -5 marks	5	5	5	3,4,5,6
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	5	3,4,5,6
3)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	Total:	100	95	95	
		4	3.80	3.80	
	Age on bid due date: Not more than 65 years.				DOB-24/08/1974

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 Kikruma Village) [Design Km 29.6 to design Km 51.5] [Design Length - 21.90 Km] in the state of Nagaland under Bharatmala Pariyojana on EPC Mode (Package II)

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

Sr. No.		Particulars	Max Points	Points Scored	% Mark
1	Relevant experience for the	assignment	40	39.00	/0 IVIAIN
2	Experience in use of techno	logy for road inspection	20	18.00	
	Qualifications and compete	nce of the key staff for the assignment	40	37.34	
		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
3		Senior Quality cum Material Expert 1	2	1.88	94.00
3	Key Personnel	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	

	Re	levant experience for	the assignmen	nt		
1	Evaluation Criteria for	•	_			
S. No.	Descrip		Max Marks	Marks obtained	Reference/Detail s of projects Claimed for self- assessment	Average Turnove
1	Average Annual Turnove consultancy business < Rs.12.04 Cr. – 0 marks Rs. 12.04 Cr. – 1.5 marks Add for additional turnot two five) marks for every 6.02 Cr. subject to maximum.	over 0.25 (Zero point v Rs. 6.02 Cr above Rs.	2	2	Lead-Rs 14.26 Cr Page No-20 JV-37.28 Pg 165	14.26
Econon experie	Nos. of Highway Profession <10 20-Oct >20 but ≤30 >30 Professionals who possed in the professionals who possed in the professional who professional who possed in the professional who professional who professional who professional who possed in the professional who possed in the professional who	0 8 9 10 ss degree in Civil l t / Geology/ Environ/tunnel with employr	nment Science nent in the fir	or Engineer m for more t	ring and 8 years han one year. The	
3	Experience as Independer Engineer/ Construction S of Highway Projects of 2/equal to 68.44 km or more 1 project – 8 marks, Add 1(one) mark exassignment of Auth Independent Engineer an five) marks extra for cor supervision consultancy (Two) marks.	upervision in Number 4/6-laning** of length e in last 7 years. extra for completed ority Engineer / d add 0.5 (Zero point npleted assignment of		10	Lead-> 4 project (Page 60) JV- >4 Projects Pg 182	
4	Experience in DPR/Fe Preliminary Design Rep Number of Highway Proj of length equal to 68.44 years. 1 project – 4 marks, Add 0.5 (Zero point five) additional project subject	port preparation for ects of 2/4/6-laning** km or more in last 7 marks extra for each	5	5	Lead>3 projects (Pg 90) JV- 3 projects (Pg 198)	
5 5.1 5.2 5.3	In hand DPRs of Hi Projects (presently under <2 2-5 >5		10	10	Lead>5 projects (Pg 109)	
6	Experience in Constru DPR/Design Review of M length of more than 500 n 1project-2.0 marks Add 0.5 (Zero point five) additional project subject marks Total	3	2	Lead Sr. no. 12 (page no 114)		

2	Experience Evaluation Criteria for a road inspection	ce in use of technolo ssessment of expe			y for	
S. No.	Description	on	Max Marks	Marks obtained	Reference/Detail s of projects Claimed for self- assessment	
1	Experience in Network Surv better technology for pavem		7	7		
1.1	Equipment		4		Pg 227	
	(a) Equipment on MOU w hiring basis	ith Associate or on	2	4	(Own-JV member)	
	(b) Own Equipment		4			
1.2	Experience					
(i)	1-2 projects	1	3	3	>5 projects	
(ii)	3-5 projects	2	3	3	(Pg 235)	
(iii)	> 5 projects	3				
2	Experience in Falling We (FWD) or better technol strength measurement		4	4		
2.1	Equipment		2			
	(a) Equipment on MOU with hiring basis	Associate or on	1	2	Pg 228 (Own-JV member)	
	(b) Own Equipment		2			
2.2	Experience				. 2	2
(i)	1-3 Projects	1	2	2	>3 projects (Pg 235)	
(ii)	>3 Projects	2				
3	Experience in Mobile Bridge better technology for bridge	_	5	4		
3.1	Equipment		2	Pg 229		
	(a) Equipment on MOU with hiring basis	Associate or on	1	1	(MoU with M/s PNT Design)	
	(b) Own Equipment		2			
3.2	Experience					
(i)	1-2 Projects	1	3	3	>5 projects	
(ii)	3-5 Projects	2	J	J	(Pg 247)	
(iii)	> 5 Projects	3				
4	Experience in Retro reflector	meter technology	4	3		
4.1	Equipment		2		Pg 226	
	(a) Equipment on MOU with hiring basis	Associate or on	1	2	(Own-JV member)	
	(b) Own Equipment		2			
4.2	Execution with owned / hird through Associate	ed Equipment /	2	1	2 projects	
(i)	1-3 Projects	1	4	1	(Pg 235)	
(ii)	>3 Projects	2				
	Total		20	18	<u> </u>	

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

3.1	3. Evaluation Criteria for assessment of score of Ke Team Leader cum Senior Pavement Engineer: Shyam L		,	·····
Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	21	
II)	Graduate in Civil Engineering Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	()	<u>21</u> 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	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	
	Ago on hid due date: Not more than CF	12 15-07-1955	11.34	65
Notor	Age on bid due date: Not more than 65 years.	15-07-1955	14-07-2020	65

- 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
- (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	
l)	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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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

- 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	
i)	Professional Experience 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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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		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

- 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	
l)	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	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	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		0	-
	Total:	100	91	
		6	5.46	
Notos	Age on bid due date: Not more than 65 years.	05-07-1961	10-06-2020	59

- (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	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			
l)	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 nos0 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		3	-		
	Total:	100	94			
		2	1.88			
	Age on bid due date: Not more than 65 years.	05-03-1966	10-06-2020	54		

- (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.

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

ii) On behalf of Government: Executive Engineer

3.3	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 nos0 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		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		

- (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.

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

ii) On behalf of Government: Executive Engineer

3.3	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			
l)	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 nos0 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		0	-		
	Total:	100	91			
		2	1.82	_		
	Age on bid due date: Not more than 65 years.	27-10-1970	10-06-2020	50		

- (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.

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

ii) On behalf of Government: Executive Engineer

3.4	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				
l)	Graduate in Civil Engineering	21	21				
II)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0				
2	Adequacy for the Project Professional Experience	70	70				
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/Geotechnical 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 nos0 2 nos20 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		0	-			
	Total:	100 6	91 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
- (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 nos0 2 nos15 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 nos0 2 nos8 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			
	Total:	100	95			
		4	3.80			
	Age on bid due date: Not more than 65 years.	11-08-1980	10-06-2020	40		

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
- (ii) Construction of two lane with nard shoulder of Kohima-Jessami Road on NH-29 (Old NH-130) From existing km r.380 (hear Cheama Junction) to existing km 30.474 (hear Chakanabama) [Design Km 1.80 (hear Cheama Junction) to existing km 30.474 (hear Chakanabama) (hear Chakanabama)

Sr. No.	Particulars Max Points Points claimed Points Scored						
1	Relevant experience for	Relevant experience for the assignment			40	39.75	Marks
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	
		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
3		4	Bridge/ Structural Engineer	6	5.46	5.46	91
	Key Personnel	5	Senior Quality cum Material Expert 1	2	1.82	1.82	91
		6	Senior Quality cum Material Expert 2	2	1.82	1.82	91
		7	Senior Quality cum Material Expert 3	2	1.92	1.82	91
		8	Senior Pavement Specialist	6	5.46	5.46	91
	9	Road Safety Expert	4	3.8	3.80	95	
	Total Marks					91.31	

	Relevant experience for the assignment					
1						
S. No.	Descrip	tion	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Detail s of projects Claimed for self- assessment
1	Average Annual Turnove consultancy business	r (last 3 years) from				
	< Rs. 12.04 Cr 0 marks					
	Rs. 12.04 Cr. – 1.5 marks Add for additional turno two five) marks for ever Rs.12.04 Cr. subject to mar	ry Rs. 6.02 Cr above		2	1.75	Rs 18.80 Cr
2	Nos. of Highway Profession	nals with the firm *				
2.1	<10	0				41 lear navaannal
2.2	>10 but <20	8	10	10	10	41 key personnel (Pg 172-178)
2.3	>20 but ≤30	9				(161/2-1/0)
2.4	>30	10				
*The p	rofessionals who possess	degree in Civil Eng	ineering/Tran	sport Planning	/Transport	Economics/Traffic

*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.

rersonn	ei on infracon.					
3 2	Experience as Independent Engineer/ Construction Stof Highway Projects of 2/equal to 68.44 km or more 1 project – 8 marks, Add 1(one) mark exassignment of Author Independent Engineer an five) marks extra for consupervision consultancy s (Two) marks.	upervision in Number 4/6-laning** of length in last 7 years. Attra for completed brity Engineer / d add 0.5 (Zero point upleted assignment of	10	10	10	5 Projects - pg 98
4 3	Experience in DPR/Fea Preliminary Design Rep Number of Highway Proje of length equal to 68.44 years. 1 project – 4 marks, Add 0.5 (Zero point five) additional project subject	oort preparation for ects of 2/4/6-laning** km or more in last 7 marks extra for each	5	5	5	>3 Projects pg 170
	In hand DPRs of Hig Projects (presently under					. 50
5.1	<2	0	10	10	10	>.5 Projects pg-153
5.2	2-5	5				hg-133
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. 6			3	3	3 Projects pg-129
	Total		40	40	39.75	

	Experience in use of technology for road inspection							
2	Evaluation Criteria for assessment of experience in use of technology for road inspection							
S. No.	Description	1	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							
1.1	Equipment		4	2	26 +- 20			
	(a) Equipment on MOU with hiring basis	Associate or on	2	2	pg 26 to 28			
	(b) Own Equipm	nent	4	0				
1.2	Experience							
(i)	1-2 projects	1	3	3	7 (197,218,221,223,			
(ii)	3-5 projects	2			225,227,229)			
(iii) 2	> 5 projects Experience in Falling Weigh (FWD) or better technology strength measure	t Deflectometer y for pavement	4	4				
2.1	Equipment		2		pg 26 to 28			
	(a) Equipment on MOU with hiring basis		1	1				
	(b) Own Equipm	nent	2					
2.2	Experience				8 (197,215,218,221, 223,225,227,229)			
(i)	1-3 Projects	1	2	2				
(ii)	>3 Projects	2						
3	Experience in Mobile Bridge I better technology for brid	= -	5	4				
3.1	Equipment		2		pg 26 to 28			
	(a) Equipment on MOU with hiring basis		1	1	pg 20 to 20			
	(b) Own Equipm	nent	2					
3.2	Experience	1			T (40T 040 000 041			
(i) (ii)	1-2 Projects 3-5 Projects	2	3	3	7 (197,218,238,241, 243,245,247)			
(iii)	> 5 Projects	3			213,213,217			
4	Experience in Retro reflecton		4	3				
4.1	Equipment		2		1			
	(a) Equipment on MOU with hiring basis		1	1	pg 26 to 28			
	(b) Own Equipm		2					
4.2	Execution with owned / hir through Associa	ate	2	2	7 (197,218,221,223,			
(i)	1-3 Projects	1			225,227,229)			
(ii)	>3 Projects	2	20	45				
	Total		20	15				

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

	3. Evaluation Criteria for assessment of score of Key	Staff for ade	quacy of the Ass	signment
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 Post-Graduation in Management/ Construction/ Transportation/ Highway Engineering/Structural Engineering or equivalent specialised stream of civil	21 4	0	Yes
	engineering			
2	Adequacy for the Project	70	70	
a) i)	Professional Experience in Highway Projects: 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
	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	
	Age on bid due date: Not more than 65 years.	12	10.92	DOB-02/12/1969
	Age on siu due date. Not more than 00 years.			(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			
l)	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			
i)	Professional Experience 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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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		

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	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		
l)	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		
i)	Professional Experience 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 EngineerProjects(similarconfiguration(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 nos0 2 nos19 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	

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

- (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	
l)	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	
i)	Professional Experience 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 nos0 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

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	
i)	Professional Experience 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 nos0 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

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 R	ai			
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	
i)	Professional Experience 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 nos0 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		0	0	0
	Total:	100	91	91	
		2	1.82	1.82	50
	Age on bid due date: Not more than 65 years.		01-07-1970	04-06-2020	50

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.

Carduate in Civil Engineering 21 21 21 21 21 21 21 2	Sr. No.	Senior Pavement Specialist: Mr. Ganeshwar Pradhan Description	Max. Points	Marks self assessed	Marks obtained	Reference/ Details of projects Claimed
Digraduate in Civil Engineering	1	General Qualification	25		21	
III Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent 4						
Professional Experience Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway 1) Powers - 0		Post-Graduation in Transportation/Highway				
Professional Experience Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway 1) Powers - 0	2	Adequacy for the Project	70	70	70	
Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway 1) ears - 10 years - 10 year - 10 years			70	70	70	
Construction/Construction Supervision of 2/4/6-laining** of major Highway Projects (similar configuration (2/4/6 laining**) and above)	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		20	20	> 15 Years
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 nos0 2 nos20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks. Experience in similar capacity on EPC Projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) iv) 1 Project - 4 marks Add 1 (one) mark extra for each additional project subject to maximum 1 (one) mark 5 5 5 Employment with the Firm < 1 year -0	ii)	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	20	20	20	> 10 Years
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 Employment with the Firm <1 year -0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks Total: 100 96 91	iii)	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 nos0 2 nos20 marks Add 2.5 marks extra for each additional project subject to	25	25	25	P-4,5,6,7,8
	iv)	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	5	5	5	P-4,5
	3)	< 1 year -0 1 year - 3 marks Add 0.5 marks for each subsequent year subject to	5	5	0	-
6 5.76 5.46		Total:	100		91	
			6	5.76	5.46	

- (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.

Sr. No.	Description	Max. Points	Marks obtained	Reference/ Details of projects Claimed
1	General Qualification	25	25	
l)	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	
i)	Professional Experience 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 nos0 2 nos15 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 nos0 2 nos8 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	
		06-02-1975	28-07-2020	

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

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