

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

**Minutes of Meeting** of Empowered Technical Bid Evaluation Committee (TEC) held on **06.10.2020** to evaluate the Technical bids for Consultancy services for Authority's Engineer for Supervision of:

(i) Construction of two lane with hard shoulders of Arrowa-Khupa-Hayuliang Section of NH-113 from Ch 68.550 Km to 91.633 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.

(ii) Construction of two lane with hard shoulders of Demwe-Brahmkund section of NH-13 from Ch 0.000 Km to 18.464 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.

1. The bids for subject services were invited from the prospective bidders with bid due date as 21.09.2020 till 1430 Hrs.
2. TEC met on 22.09.2020 at 1430 Hours to open the technical bids submitted by the bidders.
3. It was appraised that:
  - a) As per clause 4.1 of Section-2 of RFP, bidders are required to submit their Technical Proposal only through online mode i.e. via CPP portal and INFRACON portal and no separate hard copy was required to be submitted.
  - b) The details of firms who have submitted their bids online are as under:

Sr. No	Name of Consultant	Type of Venture	Lead Member (or Sole)	Other Member (JV/ Associate)
1	M/s Marc Technocrats Private Limited	Sole	-	-
2	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- M/s DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (OPC) Private Limited	JV & Association	M/s Aushta Consulting Engineers (India) Pvt. Ltd.	M/s DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (OPC) Private Limited
3	M/s Geo Designs and Research (P) Ltd. in association with M/s Inertia Engineering Solutions	Association	M/s Geo Test House (A Division of Geo Designs and Research (P) Ltd.)	M/s Inertia Engineering Solutions
4	M/s CMEC Consulting Engineers Pvt. Ltd.- M/s Jindals Consortium (JV) in association with Dracs Consultancy and Construction Private Limited	JV & Association	M/s CMEC Consulting Engineers Pvt. Ltd.	M/s Jindals Consortium in association with M/s Dracs Consultancy and Construction Private Limited

- c) As per the Section-3 & 4 of RFP, the bidders were required to upload the Experience of the firm and list of the proposed Key personnel & Summary of CVs Particulars on INFRACON Portal. Whereas, Site Appreciation, Approach paper on methodology for performing the assignment, Facility for field investigation and testing, Time schedule

*Ajay*

*Arjun*

*Dracs*

*OPC*

for deployment of Professional staff and Activity (works) schedule were required to be uploaded on CPP Portal.

- d) Based on the credential submitted by the bidders on CPP Portal and INFRACON Portal, Evaluation of bids has been carried out manually as certain new parameters like Experience in use of technology for road inspection was added in the Model RFP and INFRACON Portal is not upgraded with the present Model RFP.

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

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

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

7. In its evaluation, the committee observed that the participating firms as mentioned above in para 2(b) are technically qualified in terms of provisions of RFP. The Technical score of the firms are as under :

Sl. No.	Name of Bidder	Relevant Experience of the firm ( Total Score 40 )	Evaluation criteria for assessment of experience in use of technology for road inspection ( Total Score 20 )	Qualifications and competence of the key staff for the assignment ( Total Score 40 )	Total Score (Total Score 100)	Contracts awarded in NHIDCL (as per clause 23 of the RFP)
1	M/s Marc Technocrats Private Limited	39.50	20	33.49	92.99	0
2	M/s Geo Designs and Research (P) Ltd. in association with M/s Inertia Engineering Solutions	40	19	29.58	88.58	1-Geo



3	M/s Aushta Consulting Engineers (India) Pvt. Ltd.- M/s DN Consultant (JV) in association with M/s Arjun Engineering And Consulting (Opc) Private Limited	40	16	36.28	92.28	0
4	M/s CMEC Consulting Engineers Pvt. Ltd.- M/s Jindals Consortium (JV) in association with M/s Dracs Consultancy and Construction Private Limited	40	15	33.97	88.97	0

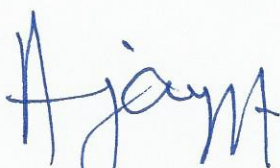
8. It was brought to the notice to the Committee that M/s Jindals Consortium in association with MAV Associates has been debarred by NHIDCL for all future projects of/or to be undertaken by NHIDCL for a period of 2 years from the date of issue that office order dated 06.10.2020. Hence **As per RFP section-I para-18**, the bid submitted by M/s CMEC Consulting Engineers Pvt. Ltd.- M/s Jindals Consortium (JV) in association with M/s Dracs Consultancy and Construction Private Limited for the subject work was not entertained by the committee. The Committee has decided to consider the bid as Technically Non-Responsive

9. It was informed to the Committee that one of the bidder namely M/s Marc Technocrats Private Limited has submitted the CV of Sh. Satyendra Kumar for the post of Team Leader. Sh. Satyendra Kumar was proposed by the H1 bidder M/s Geo Designs and Research (P) Ltd. in the NHIDCL AE project awarded on 29.09.2020 for Kohima Jesami Road 9Pkg 1, 2 & 3) work. Accordingly bidder M/s Marc Technocrats Private Limited is required to replace the CV for Team Leader post having equal or more marks as evaluated for subject work, if the work is awarded to them.

10. It is also observed by the Committee in the CV provided by bidder M/s Geo Designs and Research (P) Ltd. in association with Inertia Engineering Solutions for the post of Senior Quality/Material Expert, the name of the Key Personnel in the CV uploaded on Infracon portal is BPG, however as per the document attached with bid, the name of Key Personnel is Brindaban Parwar. Since there is a mismatch in the name, hence the marks for Senior Quality/Material Expert has been considered as zero, subject to the clarification from the Key Personnel and Consultant.

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

Meeting ended with vote of thanks to Chair.



Ajay Ahluwalia  
(ED-V)  
Convener



AK Jha,  
GM(T)  
Member



B. Shiv Prasad  
GM (T)  
Member



Bhaskar Mallick  
Man (Finance)  
Member

**CONSULTANCY SERVICES FOR AUTHORITY'S ENGINEER FOR SUPERVISION OF:**

- (i) Construction of two lane with hard shoulders of Arrowa-Khupa-Hayuliang Section of NH-113 from Ch 68.550 Km to 91.633 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.  
(ii) Construction of two lane with hard shoulders of Demwe-Brahmkund section of NH-13 from Ch 0.000 Km to 18.464 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.

Firm Name: M/s Marc Technocrats Pvt. Ltd.

Sr. No.	Particulars			Max Points	Points claimed	Points Scored	Marks
1	Relevant experience for the assignment			40	40	39.50	
2	Experience in use of technology for road inspection			20	20	20.00	
3	Qualifications and competence of the key staff for the assignment			40	37.14	33.49	
	Key Personnel	1	Team Leader Cum Senior Pavement Engineer	12	10.92	10.32	86
		2	Resident cum Highway Engineer 1	6	5.46	5.16	86
		3	Bridge/ Structural Engineer	6	5.46	5.46	91
		4	Senior Quality cum Material Expert 1	6	5.46	5.31	88.5
		5	Senior Pavement Specialist	6	5.46	5.16	86
		6	Road Safety Expert	4	3.8	2.08	52
Total Marks						92.99	

Relevant experience for the assignment					
1	Evaluation Criteria for Assessment of Experience of the Firm.				
S. No.	Description	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business	2	2	2	Rs 16.95 Cr
	< 2% of TPC – 0 marks				
	2% of TPC – 1.5 marks				
	Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks				
2	Nos. of Highway Professionals with the firm *	10	10	10	
2.1	<10				
2.2	Oct-20				
2.3	>20 but ≤30				
2.4	>30				
	10				
<b>*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON</b>					
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length (40% of project length) or more in last 7 years. 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.	10	10	10	
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length (40% of project length) 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	4.5	
5	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10	
5.1	<2				
5.2	2-5				
5.3	>5				
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	
<b>Total</b>		<b>40</b>	<b>40</b>	<b>39.5</b>	

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

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

<b>3.1 Team Leader : Satyendra Kumar</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4			
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>65</b>	
<b>a)</b>	<b>Professional Experience in Highway Projects:</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	
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 marks extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	
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	0	
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	
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	
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)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>86</b>	
		<b>12</b>	<b>10.92</b>	<b>10.32</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>09-01-1964</b>	<b>21-09-2020</b>	<b>57</b>
Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer (Construction Supervision/IE/AE/DPR). ii) On behalf of Contractor: Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Superintending Engineer (or equivalent) and above (2) Only those projects will be considered for evaluation at S. No. 2(b) where the input of the personnel is not < 9 months. (3) Only those projects will be considered for evaluation at S. No. 2l, (d) where the input of the personnel is not < 12 months.					

<b>3.2 Resident cum Highway Engineer-1: Mr. Rakesh Kumar</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>65</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects (similar configuration (2/4/6 laning*) 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	
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six) marks.	25	25	25	
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	0	
3)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>86</b>	
		<b>6</b>	<b>5.46</b>	<b>5.16</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>08-07-1975</b>	<b>21-09-2020</b>	45
Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					



<b>3.3 Bridge/Structural Engineer: Mr. Lalit Vijay</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Structural Engineering	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	15	
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	
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	
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	
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	
3)	Employment with the Firm < 1 year -0 1 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>16-12-1975</b>		<b>21-09-2020</b>	<b>45</b>
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.					

<b>3.4 Senior Pavement Specialist: Mr. Ananta Prashad Sahu</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>65</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience 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	
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	
iii)	Experience in similar capacity as Pavement/Geo- technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	25	
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	0	
3)	Employment with the Firm < 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>86</b>	
		<b>6</b>	<b>5.46</b>	<b>5.16</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-04-1966</b>		<b>21-09-2020</b>	<b>55</b>
<p>Note:</p> <p>(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer</p> <p>ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 6 months</p> <p>(3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.</p>					

<b>3.3 Senior Quality cum Material Expert: Mr. Om Prakash Gupta</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>67.5</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	
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	
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	27.5	
3	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>88.5</b>	
		<b>6</b>	<b>5.46</b>	<b>5.31</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-07-1972</b>	<b>21-09-2020</b>	48
<p>Note:</p> <p>(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.</p>					

<b>3.7 Road Safety Expert: Mr.Rao Sujit Kumar</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>25</b>	
I)	Graduate in Civil Engineering	21	21	21	YES
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	4	4	YES
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>27</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	12	
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	
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20	20	0	
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	0	
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	0	
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	0	
3)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>52</b>	
		<b>4</b>	<b>3.80</b>	<b>2.08</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>27-11-1983</b>	<b>21-09-2020</b>	37
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 shoulders of Arrowa-Khupa-Hayuliang Section of NH-113 from Ch 68.550 Km to 91.633 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.  
(ii) Construction of two lane with hard shoulders of Demwe-Brahmkund section of NH-13 from Ch 0.000 Km to 18.464 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.

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

Sr. No.	Particulars			Max Points	Points claimed	Points Scored	Marks
1	Relevant experience for the assignment			40	40	40.00	
2	Experience in use of technology for road inspection			20	19	16.00	
3	Qualifications and competence of the key staff for the assignment			40	36.4	36.28	
	Key Personnel	1	Team Leader Cum Senior Pavement Engineer	12	10.92	10.92	91
		2	Resident cum Highway Engineer	6	5.46	5.46	91
		4	Bridge/ Structural Engineer	6	5.46	5.46	91
		5	Senior Quality cum Material Expert	6	5.46	5.46	91
		8	Senior Pavement Specialist	6	5.46	5.46	91
		9	Road Safety Expert	4	3.64	3.52	88
Total Marks						92.28	

Relevant experience for the assignment						
1	Evaluation Criteria for Assessment of Experience of the Firm.					
S. No.	Description	Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment	
1	Average Annual Turnover (last 3 years) from consultancy business	2	2	2	Rs 66.34 Cr ( Austha) Rs 6.17 Cr ( DN Consultant)	
	< 2% of TPC – 0 marks					
	2% of TPC – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks					
2	Nos. of Highway Professionals with the firm *	10	10	10		
2.1	<10					0
2.2	Oct-20					8
2.3	>20 but ≤30					9
2.4	>30					10
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON						
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length (40% of project length) or more in last 7 years. 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.	10	10	10		
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length (40% of project length) 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	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)	10	10	10		
5.1	<2					0
5.2	2-5					5
5.3	>5					10
6	Experience in Construction Supervision / DPR/Design Review of Major structures having length of more than 500 meter in last 7 years.  1project–2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks	3	3	3		
Total		40	40	40		

Experience in use of technology for road inspection						
2	Evaluation Criteria for assessment of experience in use of technology for road inspection					
S. No.	Description		Max Marks	Marks Claimed	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection		7	7	6	
1.1	Equipment		4	4	4	
	(a) Equipment on MOU with Associate or on hiring basis		2		0	
	(b) Own Equipment		4		4	
1.2	Experience		3	3	2	3
(i)	1-2 projects	1				
(ii)	3-5 projects	2				
(iii)	> 5 projects	3				
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement		4	4	4	
2.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
2.2	Experience		2	2	1	3
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection		5	4	4	
3.1	Equipment		2	1	1	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
3.2	Experience		3	3	3	7
(i)	1-2 Projects	1				
(ii)	3-5 Projects	2				
(iii)	> 5 Projects	3				
4	Experience in Retro reflectometer technology		4	4	3	
4.1	Equipment		2	2	2	
	(a) Equipment on MOU with Associate or on hiring basis		1			
	(b) Own Equipment		2			
4.2	Execution with owned / hired Equipment / through Associate		2	2	1	3
(i)	1-3 Projects	1				
(ii)	>3 Projects	2				
Total			20	19	16	

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

<b>3.1 Team Leader : Sujit Kumar</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4			
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
<b>a)</b>	<b>Professional Experience in Highway Projects:</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	
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 marks extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	
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	
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	
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	
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)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>12</b>	<b>10.92</b>	<b>10.92</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-06-1966</b>	<b>21-09-2020</b>	54
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. 21, (d) where the input of the personnel is not < 12 months.					



<b>3.2 Resident cum Highway Engineer-1: Mr. Subash Chandra</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	
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	
3)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>05-12-1972</b>	<b>21-09-2020</b>	48
Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

<b>3.3 Bridge/Structural Engineer: Mr. Aditya Ishwar</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Structural Engineering	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	15	
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	
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	
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	
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	
3)	Employment with the Firm < 1 year -0 1 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>05-01-1961</b>		<b>21-09-2020</b>	<b>60</b>
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. Ashish Kumar					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	0	
2	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience 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	
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	
iii)	Experience in similar capacity as Pavement/Geo- technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	25	
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)	Employment with the Firm < 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>16-04-1977</b>		<b>21-09-2020</b>	<b>43</b>
Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer ii) On behalf of Government: Executive Engineer (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

<b>3.3 Senior Quality cum Material Expert: Mr. Narender Kumar Tiwari</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>70</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	
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	
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	30	
3	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>91</b>	
		<b>6</b>	<b>5.46</b>	<b>5.46</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>02-10-1965</b>	<b>21-09-2020</b>	<b>55</b>
<b>Note:</b> (1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert. ii) On behalf of Government: Executive Engineer (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					



3.7 Road Safety Expert: Mr. Mohammed Faiem					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	YES
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4			
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>67</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/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	12	
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	
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20	20	20	
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	10	
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	
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)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>88</b>	
		<b>4</b>	<b>3.64</b>	<b>3.52</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>02-01-1983</b>	<b>21-09-2020</b>	38
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 shoulders of Arrowa-Khupa-Hayuliang Section of NH-113 from Ch 68.550 Km to 91.633 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.  
(ii) Construction of two lane with hard shoulders of Demwe-Brahmkund section of NH-13 from Ch 0.000 Km to 18.464 in the state of Arunachal Pradesh on EPC Mode under NH(O)-NE.

**Firm Name: M/s Geo Design & Reserch (P) Ltd. in Association with Inertia Engineering Solutions**

Sr. No.	Particulars				Max Points	Points claimed	Points Scored	Marks
1	Relevant experience for the assignment				40	40	40.00	
2	Experience in use of technology for road inspection				20	19	19.00	
3	Qualifications and competence of the key staff for the assignment				40	37.08	29.58	
	Key Personnel	1	Team Leader Cum Senior Pavement Engineer		12	11.4	9.96	83
		2	Resident cum Highway Engineer 1		6	5.46	5.16	86
		3	Bridge/ Structural Engineer		6	5.46	5.34	89
		4	Senior Quality cum Material Expert 1		6	5.46	0.00	91
		5	Senior Pavement Specialist		6	5.46	5.40	90
		6	Road Safety Expert		4	3.84	3.72	93
Total Marks							88.58	

Relevant experience for the assignment						
1	Evaluation Criteria for Assessment of Experience of the Firm.					
S. No.	Description		Max Marks	Marks self assessed by the bidder	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Average Annual Turnover (last 3 years) from consultancy business		2	2	2	Rs 24.48 Cr
	< 2% of TPC – 0 marks					
	2% of TPC – 1.5 marks					
	Add for additional turnover 0.25 (Zero point two five) marks for every 1% of TPC above 2% of TPC subject to maximum 0.5 marks					
2	Nos. of Highway Professionals with the firm *		10	10	10	
2.1	<10	0				
2.2	Oct-20	8				
2.3	>20 but ≤30	9				
2.4	>30	10				
*The professionals who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge /tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON						
3	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of Highway Projects of 2/4/6-laning** of length (40% of project length) or more in last 7 years. 1 project – 8 marks Add 1(one) mark extra for completed assignment of Authority Engineer/Independent Engineer and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.		10	10	10	
4	Experience in DPR/Feasibility Study cum Preliminary Design Report preparation for Number of Highway Projects of 2/4/6-laning** of length (40% of project length) 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	In hand DPRs of Highway/Bridge/Tunnel Projects ( presently under progress)		10	10	10	
5.1	<2	0				
5.2	2-5	5				
5.3	>5	10				
6	Experience in Construction Supervision / DPR/Design Review of Major structures having length of more than 500 meter in last 7 years.  1project–2.0 marks Add 0.5 (Zero point five) marks extra for each additional project subject to maximum 1.0 marks		3	3	3	
Total			40	40	40	

Experience in use of technology for road inspection					
2	Evaluation Criteria for assessment of experience in use of technology for road inspection				
S. No.	Description	Max Marks	Marks Claimed	Marks obtained	Reference/Details of projects Claimed for self-assessment
1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7	7	7	
1.1	Equipment	4		4	
	(a) Equipment on MOU with Associate or on hiring basis	2		0	
	(b) Own Equipment	4		4	
1.2	Experience	3		3	6
(i)	1-2 projects				
(ii)	3-5 projects				
(iii)	> 5 projects				
2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4	4	4	
2.1	Equipment	2		2	
	(a) Equipment on MOU with Associate or on hiring basis	1			
	(b) Own Equipment	2			
2.2	Experience	2		2	6
(i)	1-3 Projects				
(ii)	>3 Projects				
3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5	4	4	
3.1	Equipment	2		1	
	(a) Equipment on MOU with Associate or on hiring basis	1			
	(b) Own Equipment	2			
3.2	Experience	3		3	6
(i)	1-2 Projects				
(ii)	3-5 Projects				
(iii)	> 5 Projects				
4	Experience in Retro reflectometer technology	4	4	4	
4.1	Equipment	2		2	
	(a) Equipment on MOU with Associate or on hiring basis	1			
	(b) Own Equipment	2			
4.2	Execution with owned / hired Equipment / through Associate	2		2	6
(i)	1-3 Projects				
(ii)	>3 Projects				
Total		20	19	19	

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

<b>3.1 Team Leader : Sandeep Kumar Agarwal</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>25</b>	<b>21</b>	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post-Graduation in Management/ Construction/ Transportation/Highway Engineering/Structural Engineering or equivalent specialised stream of civil engineering	4	4		
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>62</b>	
<b>a)</b>	<b>Professional Experience in Highway Projects:</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -8 marks Add 1 mark extra for each additional year of experience subject to maximum 2 (two) marks.	10	10	10	
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 marks extra for each additional year of experience subject to maximum 4 (four) marks.	15	15	15	
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	0	
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	
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	
d)	Experience as Team Leader or similar capacity in Operation and Maintenance of Major Highway (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above). 1 project — 4 marks Add 1 mark extra for each additional project subject to maximum 1 (one) mark	5	5	4	
3)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>95</b>	<b>83</b>	
		<b>12</b>	<b>11.40</b>	<b>9.96</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>01-03-1966</b>	<b>21-09-2020</b>	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. 2l, (d) where the input of the personnel is not < 12 months.					

<b>3.2 Resident cum Highway Engineer-1: Mr. Feroz Hashmi</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	Yes
II)	Post Graduation in Transportation/Highway Engineering/Structural Engineering/Geotechnical Engineering or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>65</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway projects < 12 years -0 12 years -16 marks Add 1 mark extra for each additional year of experience subject to maximum 4 (four) marks.	20	20	20	
ii)	Experience as Resident Engineer/Project Director/Project Manager/Superintending Engineer or equivalent/Executive Engineer or equivalent on construction works/Authority Engineer/Independent Engineer Projects(similar configuration(2/4/6laning*) and above). < 5 years -0; 5 years -15 marks Add 1 marks extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	
iii)	Experience in similar capacity in handling major 2/4/6-laning** projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -19 marks Add three marks extra for each additional project subject to maximum 6 (Six)marks.	25	25	25	
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	0	
3)	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>86</b>	
		<b>6</b>	<b>5.46</b>	<b>5.16</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>26-05-1974</b>	<b>21-09-2020</b>	46
Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant: Resident / Highway Engineer ii) On behalf of Contractor: Resident Engineer/ Highway Engineer / Project Manager (Construction/Construction Supervision) iii) In Government Organizations: Executive Engineer (or equivalent) and above (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					

<b>3.3 Bridge/Structural Engineer: Mr Pramod Kumar Singh</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post Graduation in Structural Engineering	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>68</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add 1 mark extra for each additional 2 year subject to maximum 4 (four) marks.	15	15	13	
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	
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	
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	
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	
3)	Employment with the Firm < 1 year -0 1 year -3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>89</b>	
		<b>6</b>	<b>5.46</b>	<b>5.34</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>13-06-1974</b>	<b>21-09-2020</b>	<b>46</b>
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. Chandrakant Kumar Singh					
Sr. No.	Description	Max. Points	Marks self assessed by the bidder	Marks obtained	Reference/ Details of projects Claimed
1	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
i)	Graduate in Civil Engineering	21	21	21	Yes
ii)	Post-Graduation in Transportation/Highway Engineering/Pavement engineering or equivalent	4	0	0	
2	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>69</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience of Pavement Design/Construction and Maintenance of Highways/Roads/Air Field Runway < 10 years -0 10 years -15 marks Add one mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	20	20	
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	
iii)	Experience in similar capacity as Pavement/Geo- technical Engineer in construction/ construction supervision of Major Highway projects (of length 40% of project length or more of similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -20 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	25	25	25	
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	
3)	Employment with the Firm < 1 year -0 1 year – 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>90</b>	
		<b>6</b>	<b>5.46</b>	<b>5.40</b>	
	<b>Age on bid due date: Not more than 65 years.</b>	<b>02-05-1979</b>		<b>21-09-2020</b>	<b>41</b>
Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant/Contractor: Pavement Specialist/ Pavement Engineer/ Pavement Expert / Highway Engineer ii) On behalf of Government: Executive Engineer (2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6 months (3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on INFRACON Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.					



<b>3.3 Senior Quality cum Material Expert: Mr. Mr. BPG</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>0</b>	
I)	Graduate in Civil Engineering	21	21	0	Yes
II)	Post Graduation in Geotechnical Engineering / Foundation Engineering/Soil Mechanics / Rock Mechanics or equivalent	4	0	0	
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>0</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway / Bridge projects < 10 years -0 10 years -11 Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	0	
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	0	
iii)	Experience in similar capacity in handling Similar Highway projects (of length 40% of project length or more of similar configuration (2/4/6laning**)and above) < 2 nos. -0 2 nos. - 25 Add 2.5 marks extra for each additional project subject to maximum 5 (five) marks.	30	30	0	
3	Employment with the Firm < 1 year -0 1 year — 3 marks Add 0.5 marks for each subsequent year subject to maximum 2 marks	5	0	0	
	<b>Total:</b>	<b>100</b>	<b>91</b>	<b>0</b>	
		<b>6</b>	<b>5.46</b>	<b>0.00</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>03-08-1965</b>	<b>21-09-2020</b>	55
<p>Note:</p> <p>(1) Similar Capacity includes the following positions</p> <p>i) On behalf of Consultant/Contractor: Quality Expert/ Material Engineer/Material Expert/ Quality Engineer/ Geo-Technical Expert.</p> <p>ii) On behalf of Government: Executive Engineer</p> <p>(2) Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not &lt; 12 months</p> <p>(3) In case of experience on behalf of Authority's Engineer or Contractor, the experience shall be duly endorsed by the respective Government agency. In case of non-availability of endorsement from Govt. Agency, the experience uploaded on Infracon Portal will be taken into consideration. However, the key personnel/ bidder will be solely responsible for any fake information/ CV, which may result in debarment.</p>					

<b>3.7 Road Safety Expert: Mr. Hemant Kumar Panday</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Max. Points</b>	<b>Marks self assessed by the bidder</b>	<b>Marks obtained</b>	<b>Reference/ Details of projects Claimed</b>
<b>1</b>	<b>General Qualification</b>	<b>25</b>	<b>21</b>	<b>21</b>	
I)	Graduate in Civil Engineering	21	21	21	YES
II)	Post-Graduation in Traffic/ Transportation/ Safety Engineering or equivalent	4	0		
<b>2</b>	<b>Adequacy for the Project</b>	<b>70</b>	<b>70</b>	<b>69</b>	
	<b>Professional Experience</b>				
i)	Total Professional Experience in handling Highway/Bridge projects < 10 years -0 10 years -11 marks Add one mark extra for each additional year of experience subject to maximum 4 (four) marks	15	15	15	
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	
iii)	Experience in similar capacity in Road Safety Audits of 2/4/6- laning** Highway projects at different stages including at least one at design stage < 2 nos. -0 2 nos. -15 marks Add 2.5 marks extra for each additional project subject to maximum 5 marks.	20	20	20	
iv)	Experience in similar capacity in identification and improvement of black spots on Major Highway Project (similar configuration (2/4/6 laning**) and above) < 2 nos. -0 2 nos. -8 marks Add 2 marks extra for each additional improvement of black spots subject to maximum 2 marks.	10	10	10	
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	
vi)	Experience in similar capacity in field of Road Safety Management Plan 1 project -4 marks 2 or more -5 marks	5	5	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	5	3	
	<b>Total:</b>	<b>100</b>	<b>96</b>	<b>93</b>	
		<b>4</b>	<b>3.84</b>	<b>3.72</b>	
	<b>Age on bid due date: Not more than 65 years.</b>		<b>15-10-1960</b>	<b>21-09-2020</b>	60
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					