

राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड
National Highways & Infrastructure Development Corporation Ltd.

2023_NHIDC_734488_1

17.02.2023

Sub: Consultancy Services as Authority's Engineer for Supervision of "Construction of Uni-Directional Singhpora-Vailoo Tunnel (Under Sinthan pass) and its approach road (of 2-lane with paved shoulder) on Sudhmahdev-Goha-Khellani-Kishtwar-Vailoo-Khanabal stretch (Design Length 38.61 Km including Uni directional twin tube Tunnel 10.331km/10.36 Km) on NH-244 in the Union Territory of Jammu and Kashmir on EPC mode."

Replies of Pre Bid Queries

S. No	Reference/ Clause	Clause Description	Query	Reply
1.	Eligibility criteria for sole applicant firm Clause 1A	Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads /Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/ Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	Request you to kindly consider single tube tunnel in place of twin tube tunnel FOR ELIGIBILITY CRITERIA which was the underlying criteria for NHAI & NHIDCL Projects: 1. Independent Engineer services for Four laning of Chenani to Nashri Section (New Alignment) of NH 1A including 9 km long tunnel (2 lane) with Parallel escape tunnel on BOT(Annuity) basis in the State of Jammu & Kashmir. Construction of (i) Connecting road from Z-Morh Tunnel to Zojila Tunnel and (ii) 14.150 km long bi-directional tunnel across Zojila Pass on Sonamarg-Kargil section of NH-01 on EPC mode in the Union Territories of Jammu & Kashmir and Ladakh.	Please refer to Amendment-III.
2.	Eligibility	The firm should have minimum experience of	Request you to kindly amend the criteria to	As per RFP.



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	criteria for sole applicant firm (Clause 1a)	preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of Tunnel Project of aggregate length equal to 10.03 km (equal to the project tunnel length) or more of 'Similar category** for which RFP is Invited.	"The firm should have minimum experience of preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of Tunnel Project of aggregate length equal to 6 km or more of 'Similar category** for which RFP is Invited	
3.	(Clause 1a)	The firm should have minimum experience of Project Supervision / Independent Engineer/ Authority's Engineer of Tunnel project of aggregate length equal to 10.03 km (equal to the project tunnel length) or more of 'Similar category** for which RFP is Invited.	Request you to kindly amend the criteria to the firm should have minimum experience of Project Supervision / Independent Engineer/ Authority's Engineer of Tunnel project of aggregate length equal to 6 km or more of 'Similar category** for which RFP is Invited.	-do-
4.	(Clause 1a)	Annual turnover (updated average of last 3 years) of the firm from consultancy business should be equal to or more than 2% of estimated Project Cost (i.e. Rs.65.05 Cr.)	Request you to kindly amend the criteria to Annual turnover (updated average of last 3 years) of the firm from consultancy business to be equal to or more than 0.5% of estimated Project Cost (i.e. Rs.16.27 Cr.) , similar to the criteria mentioned under the same eligibility criteria Zozila Tunnel and Z Morh Tunnel project (copy attached for your reference)	-do-
5.	(Clause 1b)	Firm should also have prepared DPR/ Feasibility Study cum Preliminary Design Report for atleast one Tunnel project of similar category** of project length equal to 3.09km (30% of project tunnel length)	Request you to kindly amend it to Firm should also have prepared DPR/ Feasibility Study cum Preliminary Design Report for atleast one Tunnel project of similar category** of project length equal to 1.5km (15% of the project tunnel length)	-do-
6.	(Clause 1b)	Firm should have also experience of Project Supervision/ Independent Engineer/ Authority's Engineer of at least one Tunnel project of similar category** of project length equal to 4.12 Km. (40% of the project tunnel length)	Request you to kindly amend it to Firm should have also experience of Project Supervision/ Independent Engineer/ Authority's Engineer of at least one Tunnel project of similar category** of project length equal to 2.06Km. (20% of the project tunnel length)	-do-
7.	Eligibility criteria for	Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for	Request you to kindly consider additional weightage of 2 multiplication factor instead of	Please refer to Amendment-III.

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	sole applicant firm Clause 1A	roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	1.5 multiplication factor for 6 laning experience instead of considering it as equivalent to 4 laning experience. In addition, request you to kindly consider experience of 2 lane main tunnel with escape tunnel as 4 lane tunnel experience with a multiplication factor of 1.5 (tunnel having more than 5 m diameter)	
8.	Minimum Eligibility Requirements under Clause no. 16.B:	Note: The weightage given for experience of a firm would depend on the role of the firm in the respective assignments. The firm"s experience would get full credit if it was the sole firm in the respective assignment. If the applicant firm has completed projects as JV with some other firms, weightage shall be given as per the JV share***. However, if the applicant firm has executed the project as associate with some other firms, 25% weightage shall be given to the applicant firm for the projects completed under such association.	Request you to kindly consider experience as per actual sharing pattern as mentioned in client's certificate irrespective of the company being Lead or JV or Associate.	As per RFP.
9.		The mentioned project is open for International Competitive bidding.	Request you to consider this project under National Competitive bidding considering it's a border area project involving high security which was the underlying criteria for Z Morh, Zozila tunnel & Khellani Tunnel of NHIDCL as mentioned below: The National Highways & Infrastructure Development Corporation Limited (the 'NHIDCL') invites proposals from eligible Consultants for engaging an Authority's	-do-

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			Engineer (AE) on the basis of National Competitive Bidding for the following contract package in the UT of Jammu & Kashmir	
10.	Section 1: Information to Consultants	A) Eligibility criteria for sole applicant firm * Road project of similar category means 2/4/6 lane as applicable for the project for which RFP is invited. For 2-lane projects experience of 4/6 lane also to be considered with a multiplication factor of 1.5. Experience of 4/6 lane shall be considered interchangeably for 4/6 laning projects. 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.	NHIDCL has considered Rail/ Metro/ Irrigation/ Hydro-electric tunnel projects as eligible projects. Generally, in above mentioned project tunnels carry one way (single lane) traffic. We request you to please add mentioned below criteria for Rail/ Metro/ Irrigation/ Hydro-electric tunnel projects. For 2-lane projects experience of Rail/ Metro/ Irrigation/ Hydro-electric tunnels cross section 30 square meter or more also to be considered with a multiplication factor of 1.5. For 4/6 laning projects, experience of Rail/ Metro/ Irrigation/ Hydro-electric tunnels cross section less than 30 square meter will be considered with a multiplication factor of 0.5.	Please refer to Amendment-III.
11.	Section 1: Information to Consultants	B) Eligibility criteria for sole applicant firm ** Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter for which RFP is invited. For this projects experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/	Generally, Metro rail projects have twin tunnels, very few rail / road projects have twin tunnels. Only few consultants have required project experience. With these criteria, Client (NHIDCL) will not get competitive bids. In view of above scenario, we request you to	-do-



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		hydroelectric etc.) having at least 5 meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	<p>please revisit this clause and may amend as suggested below;</p> <p>** Similar Category of project means 2/4/6 lane tunnel for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) project having at least 5 meter diameter for which RFP is invited.</p>	
12.	Section 2; Letter of Invitation to Consultants; Clause 7. Performance Security	<p>The successful consulting firm shall have to submit a Bank Guarantee (BG) for an amount of 3% of the Contract Value within 15 days of issue of LOA. The BG shall be valid for a period of [180+2] i.e. upto 2 months beyond the expiry of the Contract period of [182 Months]. The BG shall be in the format specified in Appendix H of draft contract form and furnished from Public Sector Banks or Scheduled Private Banks having the Net Worth of Rs 1,000/- crores or more as per the latest annual report of the bank, in favour of the Authority. The list of such banks is mentioned as below. The Authority reserves the right to add or remove any of names bank on which BG shall be accepted based on advisories from the Govt./RBI. The BGs issued by 'Foreign Banks' and Banks not mentioned in the given list shall not be accepted. In case of JV, the BG shall be furnished on behalf of the JV and not individually by the members.</p>	<p>We request you to please re-visit this clause and allow consultants to submit Bank Guarantee from any Public Sector Banks or Scheduled Private Banks.</p> <p>Further, we also request you to please accept Bank Guarantee valid initially for a period of one year which can be extendable from time to time up to the completion of the project.</p> <p>Furthermore, we request you to please allow consultants to submit Performance Security in the form of Fixed Deposit Receipt (FDR) or Insurance Surety Bonds.</p> <p>The Government of India; Ministry of Finance has issued an Office Memorandum No. F.1/1/2022-PPD dated 02.02.2022 (Copy enclosed for your reference) for furnishing Performance Security in the form of Insurance</p>	Please refer to Amendment-III.

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			<p>Surety Bond.</p> <p>We request you to please check and implement the same.</p>	
13.	Date Sheet; Clause 10; i.	<p>Sub criteria for Relevant Experience of the firm for the assignment</p> <p>In hand DPRs for Authority (Ministry /NHAI/NHIDCL-As applicable) Tunnel Projects (presently under progress)</p>	We request you to please consider on-going Detailed Design consultancy works for Government/PSU's Tunnel projects under this clause and allocate marks accordingly.	Please refer to Amendment-III.
14.	Date Sheet; Clause 10; i.	* Consultants should give details of the experience of the firm considering the completed and the on-going highway assignments, separately for PPP and non-PPP Projects along with experience certificates from clients. This list of the completed works should also include those assignments which are substantially (90% of Contract value) completed. No Qualification/Experience etc. shall be considered without proof of experience.	We request you to please re-visit this clause and consider those projects as substantially completed for which consultant has received 80% fee of Contract Value.	As per RFP.
15.	Date Sheet; Clause 10; ii.	Sub criteria for Experience in use of technology for road inspection	<p>We request you to please re-visit this clause and allot full marks to consultants for Equipment on MOU with Associate or on hiring basis also.</p> <p>MoRT&H and NHAI has allotted full marks for Outsourced (hire basis) facilities. Some recent project references are attached for your ready reference.</p>	The guidelines issued vide MoRTH Policy no. RW/NH-33044/24/2020-S&R (P&B) dated 6th January 2021 shall be applicable.

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16.	Date Sheet; Clause 1	Pre-Proposal Conference shall be held at: Employer's Office at NHIDCL, 2 nd floor, PTI Building, 4 - parliament Street, New Delhi - 110001 on 25.01.2023 at 1500 Hr.	Due to Republic Day, no traffic movement will be imposed nearby NHIDCL Office in view of safety concern. We request you to please arrange pre-bid meeting through Video Conference.	As per addendum.
17.	General		We request you to please provide at-least 3 weeks' time to prepare and submit competitive bid after issuing of pre-bid replies.	Please refer to Amendment no-II.
18.	Datasheet; Clause i. Sub criteria for Relevant Experience of the firm for the assignment & Appendix-EC; Clause 1. Evaluation Criteria for Assessment of Experience of the Firm.	In hand DPRs for Authority (Ministry /NHAI/NHIDCL-As applicable) Tunnel Projects (presently under progress) & In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress)	We understand that Client (NHIDCL) will consider all on-going DPR project with Ministry/NHAI/NHIDCL. Kindly confirm.	Please refer to Amendment-III.
19.	Appendix-EC; Clause 3; 3.6	3.6 Tunnel Safety Expert	We understand that there is a typo in marks calculation. We request you to please check	Please refer to Amendment-III.

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			and correct.	
20.	Enclosure-B; Clause 1 Qualification of Key Personnel; v.	v. SENIOR GEO-TECHNICAL EXPERT (1) Essential Qualifications. e) Specific experience in construction of tunnel projects involving vertical shaft sinking of at least 200 meter of vertical depth	We request you to please revisit this clause and may remove it from Essential Qualification, as projects involving vertical shaft sinking of 200 meter is rarely executed. We also understand that, this project also don't have any vertical shaft, in view of this scenario kindly remove and confirm.	As per RFP.
21.	Page 7 of the RFP	** Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5-meter diameter for which RFP is invited. For this projects experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5-meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	Since hydro-electric tunnels are not necessarily twin tube. We would like to request you to kindly consider allowing single tube tunnels as well.	Please refer to Amendment-III.
22.	Evaluation Sheet 3.6 for Tunnel Safety Expert	<ul style="list-style-type: none"> Graduate in Civil/Mining Engineering or Equivalent Adequacy for the project- 70 marks, but in the breakdown, it comes out to be 75 2.C) Experience in construction of major tunnel projects (Road/Rail/Metro) using 1 project - 3 marks Add 1 mark extra for each additional projects subject to maximum 2 (two) marks.	<ul style="list-style-type: none"> Kindly clarify the criteria for equivalent Kindly revise the marking Sentence incomplete since nothing has been mentioned after using 	Please refer to Amendment-III.

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23.	Evaluation Sheet 3.5 for Tunnel design Expert	<ul style="list-style-type: none"> Post-Graduate in Engineering (Structural) 	<ul style="list-style-type: none"> We request you to kindly include post-graduate in civil engineering 	-do-
24.	Section 1: Clause 16 (B) of RFP document " B. Eligibility Criteria for partners	<p>In case of JV; The lead partner must fulfill atleast 50% of requirements at 1(a) of table in para (A) above and other JV partner should fulfill atleast 30% of eligibility criteria as indicated at 1(a) of table in para (A) above. Lead partner should meet the criteria 1 (b) of table in para (A) above."</p> <p>Please appreciate that for specialized projects like Tunnel, limited firms are having the required experience as stated in the RFP. It is imperative now to increase the base of potential Consultants in Tunnel and provide opportunities to them with a perspective of developing more Consultants for the benefit of the nation.</p>	We, therefore, would request you to please modify the clause as " B. Eligibility Criteria for partners in case of JV; Either of the JV firm Solely or jointly should meet the 100% of requirements at 1(a) and 1 (b) of table in para (A) above" in page 6 & 7 of RFP document. Please consider and confirm.	As per RFP.
25.	Datasheet Sr. No. 10 (i): Sub Criteria for Relevant Experience of the firm for the assignment	In hand DPRs for Authority (Ministry/NHAI/NHIDCL-As Applicable) Tunnel Projects (presently under progress) and Appendix EC, Sr. No. 5; In hand DPRs of Highway/Bridge/Tunnel projects (presently under progress).	We would request you to please modify the Clause at Datasheet Sr. No. 10 (i): Sub Criteria for Relevant Experience of the firm for the assignment; In hand DPRs for Authority (Ministry/NHAI/NHIDCL/ International Projects -As Applicable) Tunnel Projects (presently under progress). Please consider and confirm.	Please refer to Amendment-III.
26.	SECTION 1: INFORMATION TO CONSULTANT S, Clause no. 16, A Eligibility criteria,	**Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ <u>irrigation/ hydro-electric</u> etc.) having at least 5 meter diameter also to be considered with a multiplication factor	The Consultant would like to submit that, project in the similar region namely " Ramban to Banihal Section of NH-1A " which was published by the Client NHAI, where the eligibility criteria was restricted to only " Road/ Rail/ Metro " projects of similar nature. As the <u>irrigation/ hydro-electric</u> tunnel projects doesn't required proper ventilation, E & M works also the cross sections are very small	Please refer to Amendment-III.

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		<p>of 1.5. <u>Experience of single tube tunnel</u> (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5 m diameter will be <u>considered with a multiplication factor of 0.4.</u></p>	<p>compared to the Road tunnel and Construction method is very different.</p> <p>Therefore the Consultant earnestly requests the Client to kindly remove the requirement of Metro rail/ irrigation/ hydro-electric tunnel projects and amend it as “Road/ Rail Tunnel project”.</p> <p>Similarly if similar projects are being considered for the above work, The Consultant would like to submit that, in India most of the Tunnels are single tube weather it is a Road Tunnel or Rail Tunnel, therefore with respect to the fair bidding, it is earnestly requested to kindly remove the <u>multiplication factor of 0.4 for the single tube Tunnels.</u></p>	
27.	Additional point	Availability of Resume on the INFRACON portal	<p>The Consultant would like to submit that, there is immense scarcity of key experts for the tunnel projects. Most of the Experts working in the Consulting firms are already engaged in the various ongoing tunnel projects.</p> <p>Experts working with Tunnel Contractors who are willing to work with the Consulting organization are finding it difficult to upload their resume on the Infracon portal and get it verified.</p> <p>As per the Infracon policy Consultant cannot utilize Experts whose resume are not verified and assign category on Infracon portal.</p> <p>Under the circumstances we request you to</p>	As per RFP.

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					<p>allow the utilization of resume of below mentioned experts whose resume are yet not verified.</p> <p>Team Leader Cum Senior Tunnel Expert, Resident cum Excavation Specialist, Geotechnical Engineer, Tunnel Design Expert & Tunnel Safety Expert</p>										
28.	SECTION 1: INFORMATION TO CONSULTANT S, Clause no. 16, A Eligibility criteria,	<p>**Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ <u>irrigation/ hydro-electric</u> etc.) having at least 5 meter diameter also to be considered with a multiplication factor of 1.5.</p> <p><u>Experience of single tube tunnel</u> (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5 m diameter will be <u>considered with a multiplication factor of 0.4.</u></p>			<p>The Consultant would like to submit that, project in the similar region namely “Ramban to Banihal Section of NH-1A” which was published by the Client NHAI, where the eligibility criteria was restricted to only “Road/ Rail/ Metro” projects of similar nature. As the irrigation/ hydro-electric tunnel projects doesn't required proper ventilation, E & M works. Therefore the Consultant earnestly requests the Client to kindly remove the requirement of irrigation/ hydro-electric tunnel projects and amend it as “Road/ Rail/ Metro Tunnel project”.</p> <p>The Consultant would like to submit that, in India most of the Tunnels are single tube weather it is a Road Tunnel or Rail Tunnel, therefore with respect to the fair bidding, it is earnestly requested to kindly remove the <u>multiplication factor of 0.4 for the single tube Tunnels.</u></p>	Please refer to Amendment-III.									
29.	SECTION 6: TERMS OF REFERENCE FOR AUTHORITY'S	<table border="1"> <thead> <tr> <th>S No</th> <th>Key metrics of Asset</th> <th>Equipment to be used</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Surface defects of pavement</td> <td>Network Survey Vehicle (NSV)</td> </tr> <tr> <td>2</td> <td>Roughness of</td> <td>Laser Profilometer</td> </tr> </tbody> </table>	S No	Key metrics of Asset	Equipment to be used	1	Surface defects of pavement	Network Survey Vehicle (NSV)	2	Roughness of	Laser Profilometer			<p>The Consultant would like to submit that, kindly provide the details of the Bridges where the MBIU is required as this will help to the Consultant to cater the cost of survey need to be carried out by using MBIU</p>	As per RFP.
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30.	Sr.No.X of Financial Proposal, Hard Copy of RFP, BoQ1 of Uploaded Financial Proposal	<p>Contingencies</p> <p>A fixed amount of Indian Rupees 10 (ten) Lakh shall be included in the Financial Proposal. The provisions of Contingency shall be operated with the specific approval from the Competent Authority in NHIDCL.</p> <p>Provision not given</p>	There are discrepancies between Hard copy of RFP and Uploaded Financial Format. It may kindly clarify Contingency amount is required or not. If required then provide provision in Uploaded Financial Format.	Please refer to Amendment-III.												
31.	Sr.No.15 of Appendix C-2, Financial Proposal, Hard Copy of RFP	Sub Professional 15. Lab Technician	The position Lab Technician is given in Appendix C-3, Financial Format whereas no Qualification & Experience given in Enclosure B, Page 95. Kindly provide the same.	Please refer to Annexure-1.												
32.	Data Sheet; Clause 3,	<p>3.6 Tunnel Safety Expert Adequacy for the Project</p> <p>Max. Points - 70</p> <p>a iii) International exposure in tunnel safety works in developed countries</p>	<p>The Consultants would like to mention that Max. Points - 70 are allocated for the Adequacy for the Project, while counting the sub heads total 75 marks are given. Therefore, the Consultants request to revise the same.</p> <p>As number of experts are available who are capable of carrying out similar assignments of similar magnitude and complexity and having</p>	Please refer to Amendment-III.												

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			vast similar experience in various other developing Countries but may not have worked in Developed Countries. Thus the Consultants request the Client to amend the requirement as: a iii) International exposure in tunnel safety works in Developing /developed countries This may please be considered and confirmed.	
33.	Data Sheet; Clause 3,	3.8 Sr. Geotechnical Expert B i) Experience as Geotechnical engineer or similar capacity in construction/ construction supervision of at least 4 tunnel projects(Road/Rail/Metro) of length equal to or more than 4 km < 4 projects - 0 4 projects -17 marks Add 2 mark extra for each additional project subject to maximum 8 (eight) marks.	The Consultants would like to mention that the requirement of minimum 4 tunnel projects with length more than 4 km is on higher side, therefore the Consultant request to relax the requirement up to 2 projects instead of 4 projects.	As per RFP.
34.	Clause 4.5.2 of GCC,	Removal and/or Replacement of Personnel It is stated that in case notice to commence services is given within 120 days of signing of contract the, the Authority expects all the Key Personnel specified in the Proposal to be available during implementation of the Agreement. The Authority will not consider any substitution of Key Personnel except under compelling circumstances beyond the control of the Consultant and the concerned Key Personnel. Such substitution shall be limited to not more than three Key Personnel subject to equally or better qualified and experienced personnel being provided to the satisfaction of the Authority. Replacement of the	The Consultants would like to mention that in most of the projects funded by Multilateral agencies such as ADB, World Bank, etc. there is no penalty for replacement of Key Personnel. The Consultants shall have to provide a suitable replacement, a person of equivalent or better qualification and experience at the same rate of remuneration. Since a large number of Consulting assignments are ongoing and being proposed in the country, individuals tend to shift jobs frequently and resign. This is beyond the control of the consulting firm & thus any penalty to be imposed on the firm for replacement of staff,	-do-

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		<p>Team Leader will not normally be considered and may lead to disqualification of the Applicant or termination of the Agreement. Replacement of one Key Personnel shall be permitted subject to reduction of remuneration equal to 5% (five per cent) of the total remuneration specified for the Key Personnel who is proposed to be replaced. In case of second replacement the reduction in remuneration shall be equal to 10% (ten per cent) and for third and subsequent replacement; such reduction shall be equal to 15% (fifteen per cent).</p>	<p>in such cases, which is beyond their control, is unfair. Instead, the Client may consider debarring the concerned nominated member of the team for certain period who has given the consent and does not provide his input on the assignment. Hence, it is requested that this para may please be deleted and Consultant be allowed to propose alternate equivalent or better candidate in case, a replacement is required at the same rate of remuneration.</p>	
35.	<p>Clause No. 6.2 (d) of GCC,</p>	<p>Deployment of Key Personnel It is stated that notwithstanding anything to the contrary stated in the GCC and SCC, it shall be mandatory to deploy the key personnel and sub-professional as per the Man-Months Input specified in the Terms of Reference. Inadequate deployment of key personnel and sub-professional shall lead to deduction in the monthly payment as per the table mentioned therein. The key personnel and sub-professional shall be considered to be inadequately deployed if he/she is not present for at least 90% of the time stipulated in the month, as per the Man-Months Input in the Terms of Reference and the Deployment Schedule proposed by the firm. For avoidance of doubt, in case the Team Leader cum Senior Highway Engineer has not been made available for 90% of the stipulated time in the month, then only 80% of the monthly payment shall be released. In the case of "Other Key Personnel (Sr.No.4)" and "Sub-professional staff (Sr.No.5)", the average availability across the group shall be considered for calculation.</p>	<p>In this regard, it is submitted that all the Consultants try their level best to deploy the experts soon after commencement of services. However, due to unavoidable circumstances there is a delay in providing the services of the proposed staff. Hence, there should not be any deduction in the monthly payment of the Consultant if there is a delay in deployment of the proposed staff. Further, such clause is not available in RFPs of all renowned agencies such as World Bank, ADB & AfDB etc. Hence, it is requested that this Clause may kindly be deleted.</p>	-do-

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36.	Clause No. 8.4.4 of GCC,	Qualifications of Arbitrators In the Clause No. 8.4.4 of SCC, there is a reference of Clause No. 8.2.1.	It is observed that the referred Clause may be modified as 8.4.2 instead of 8.2.1 as the same does not belong to selection of Arbitrator.	As per RFP.
37.	Clause No.8.2 of SCC	As per Clause No.8.2 of SCC, Disputes shall be settled by arbitration in accordance with the following provisions.	Since this Para is incomplete, hence may be removed from SCC.	This para may be read as 'Disputes shall be settled by arbitration in accordance with the provisions in clause 8.4 of General condition of Contract'.
38.	Clause No.4.5.7 of GCC Additional Clause	The Client is requested to add a new Clause in the GCC under Clause 4.5.	In this regard, we would like to submit that the Project is located in the difficult terrain area of the J&K and individuals tend to shift jobs due to extreme cold weather conditions and project is located at high altitude. Hence, the Client is requested to kindly include an additional Clause in the General Condition of Contract under the Clause 4.5 as below:- <i>4.5.7. No reduction in the remuneration shall be applicable for the Key Personnel whose replacement is sought after he/she has been deployed for at least 50% of his/her scheduled Man-months for construction. For the avoidance of doubt, Key Personnel replaced during negotiations or due to death/extreme medical grounds and those replaced after deployment of 50% of his/her scheduled Man-months for construction, shall not be counted under the total replaced Key Personnel.</i> Further, we would like to highlight that the above mentioned suggested Clause is also available in various contracts executed with	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
			NHIDCL such as AE for Zojila Tunnel in J&K and Ladakh, IE-Z-Morh Tunnel in J&K and AE for Aizawl - Tuipang Section NH-54 in Mizoram. In view of the above we strongly believe that in all fairness the above suggested Clause may kindly be added in the GCC	
39.	Data Sheet,	SL no. 9 The time and date of submission: 09.02.2023 at 1500 Hr.	It is requested that the date of submission of the proposal may please be extended and a period of at least 3 weeks may please be granted for the preparation of the proposal from the date of issue of clarifications so that our Experts can prepare a comprehensive proposal addressing all the issues of the RFP document / ToR.	Please refer to Amendment No. II.
40.	A). Eligibility criteria for sole applicant firm	Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	Request you to consider single tube without multiplication factor, as the same method and expertise is required for single tube as well, Ex. - if a consultant has done 5km single tunnel, after applying the factor it will be reduced to 2km tunnel, we understand that the project is twin tube tunnel, but request to consider single tube without multiplication factor as not many twin tubes are built in India.	Please refer to Amendment No. III.
41.	Page 7 of RFP, A). Eligibility criteria for sole applicant firm	including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5 meter diameter	Request you to kindly confirm that Hydro tunnel will be evaluated and considered? As usually hydro tunnel diameter is less than 5 meters. Please confirm and relax the diameter in case of Hydro tunnel.	-do-
42.	Appendix-EC	Nos. of Highway Professionals with the firm * & Nos. of Tunnel Professionals with the firm **	Request you to kindly confirm that we require 30 plus Highway Professionals and 10 plus	As per RFP.



S. No	Reference/ Clause	Clause Description	Query	Reply
			Tunnel Professionals in total 40 professionals on Infracon to score 8 marks, Request you to kindly confirm and relax the number of Tunnel Professionals to 5 no. or reduce the 4 marks of tunnel professional to 2 and increase the highway professionals to 6 marks.	
43.	A).Eligibility criteria for sole applicant firm	Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.)having at least 5 m diameter will be considered with a multiplication factor of 0.4.	You are requested to consider Experience of single tube tunnel of Railway/Metro rail with a multiplication factor of 1. As many Railway projects are of Single line only. Also in civil tender single tube or twin tube tunnel is considered without any multiplication factor	Please refer to Amendment No. III.
44.	B)Eligibility Criteria for partners in case of JV (not more than 1 JV partners shall be allowed) shall be as under:	The lead partner must fulfill atleast 50% of requirements at 1(a) of table in para (A) above and other JV partner should fulfill atleast 30% of eligibility criteria as indicated at 1(a) of table in para (A) above. Also the lead partner and JV partner jointly should meet the eligibility criteria as mentioned at 1(a) of table in para (A) above. Lead partner should meet the criteria 1 (b) of table in para (A) above.	You are requested to kindly modify the clause as mentioned below. It has already been changed in the Various tenders of Ministry (Addendum/Corrigendum attached). The lead partner must fulfil (i) At least 50% of turnover requirements at 1(a) of table in para (A) above and other JV partner should fulfil at least 30% of eligibility of turnover requirement. (ii) In respect of Technical Requirement	As per RFP.



S. No	Reference/ Clause	Clause Description	Query	Reply
			<p>under para 1(a) of table in para (A) above, both members combined should meet the requirement.</p> <p>In respect of Technical Requirement under para 1(b) of table in para (A) above, lead member should meet the requirement.</p>	
45.		All the bidders registered on Infracon shall form a Team on Infracon and which would be assigned unique Infracon Team ID. Bidders while submitting the proposal shall quote the Infracon Team ID.	As most of the CVs are in Amber or Red category on Infracon. You are requested to provide any solutions.	It is clarified that the experts/ Key personnel newly registered on Infracon portal, whose verification is yet to be completed shall be allowed for bidding process.
46.	Please refer Section 1: Clause 16 (B) of RFP document " B. Eligibility Criteria for partners in case of JV; The lead partner must fulfill atleast 50% of requirements at 1(a) of table in para (A) above and other JV	Please appreciate that for specialized projects like Tunnel, limited firms are having the required experience as stated in the RFP. It is imperative now to increase the base of potential Consultants in Tunnel and provide opportunities to them with a perspective of developing more Consultants for the benefit of the nation.	We, therefore, would request you to please modify the clause as " B. Eligibility Criteria for partners in case of JV; Either of the JV firm Solely or jointly should meet the 100% of requirements at 1(a) and 1 (b) of table in para (A) above" in page 6 & 7 of RFP document. Please consider and confirm.	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
	partner should fulfill atleast 30% of eligibility criteria as indicated at 1(a) of table in para (A) above. Lead partner should meet the criteria 1 (b) of table in para (A) above."			
47.	Datasheet Sr. No. 10 (i): Sub Criteria for Relevant Experience of the firm for the assignment	In hand DPRs for Authority (Ministry/NHAI/NHIDCL-As Applicable) Tunnel Projects (presently under progress) and Appendix EC, Sr. No. 5; In hand DPRs of Highway/Bridge/Tunnel projects (presently under progress).	We would request you to please modify the Clause at Datasheet Sr. No. 10 (i): Sub Criteria for Relevant Experience of the firm for the assignment; In hand DPRs for Authority (Ministry/NHAI/NHIDCL/ International Projects-As Applicable) Tunnel Projects (presently under progress). Please consider and confirm.	Please refer to Amendment No. III.
48.	Note under Clause 16 (A) of Section - 1 (Information to Consultants), Page no. 7 Data Sheet,	** Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/ Railway / Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/	We understand that the irrigation/ hydro-electric tunnels are different from transportation tunnels as there is no provision of fire safety in such tunnels. It is also highlighting that transportation tunnels are complex in nature in comparison with irrigation/ hydro-electric tunnels in term of technical, geological challenges and design challenges as irrigation/ hydro-electric tunnel are generally with small diameter in	Please refer to Amendment No. III.

S. No	Reference/ Clause	Clause Description	Query	Reply
	Page no. 23	irrigation/ hydroelectric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	<p>comparison with transportation tunnels. In irrigation/ hydro-electric tunnels ventilation aspects is not required wherein long transportation tunnels ventilation and E&M works are critical for ensuring safety of the road users and is a specialized expertise is required where as in the hydro / irrigation tunnels these safety aspects are not being taken into consideration. In addition Operation and Maintenance of the transportation tunnels is a critical activity which is conspicuous by its absence in Hydro / Irrigation tunnel. Hence, how a firm having experience in Hydro / irrigation tunnel only will justify in delivering the scope of services required for the project.</p> <p>On account of above it is requested to remove the irrigation/ hydro-electric tunnel as eligible projects for an assignment.</p>	
49.	<p>Note under Clause 16 (A) of Section - 1 (Information to Consultants), Page no. 7</p> <p>Data Sheet, Page no. 23</p>	<p>** Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/ Railway / Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter for which RFP is invited. For this project experience of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.</p>	<p>We request the authority should appreciate that the requirement of transportation tunnels (Like tunnels ventilation, Fire safety, and E&M works etc.) and its operation and maintenance are different and are critical activities. Further the requirement that more than twin tube tunnels shall be accorded higher weightage is not justified nor required, rather higher weightage should given to the transportation tunnels having larger Diameters.</p> <p>The existing requirement as per RFP gives undue and unjustified advantage to the firms having experience other than in Transportation tunnels which is not fair considering the nature</p>	-do-

S. No	Reference/ Clause	Clause Description	Query	Reply
			<p>of the assignment.</p> <p>Hence, it is requested that in order to place all the prospective bidders on the same platform, the following if recommended.</p> <p><i>“** Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/ Railway / Metro rail)having at least 5 meter diameter for which RFP is invited. For this project experience of twin tubes or more (including tunnel(s) for roads/Railway /Metro rail) having at least 5 meter diameter also to be considered with a multiplication factor of 2. Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail.) having at least 5 m diameter will be considered with a multiplication factor of 1.”</i></p> <p>Kindly confirm that the prescribed diameter of 5 m is the finished diameter of the tunnel project which will be evaluated as such.</p>	
50.	Clause 13 of Section - 1 (Information to Consultants),	Consultants may apply either as a sole firm or forming Joint Venture with other consultants. In case of Joint Venture, the maximum number of Joint Venture partners is limited to 3 (i.e., one lead + 1 JV partners+ One Associate). Formulation of more than one JV/ association with different partners for the same work is not allowed and all such proposal involving the firms shall be treated as non-responsive. If the Consultant submits bids as sole applicant and also in JV/ Association with another consultant, both bids shall be summarily rejected. No Consultant shall submit more than	It is to bring to your kind notice that this is one of the most complex projects which would require expertise in different domains of Tunnel construction. To enable bidder to propose best team composition with highly qualified experts, one more partner may be allowed as it is very unlikely for one company possess all expertise required in Tunnel construction. This will ensure quality of workmanship during design review and construction.	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
		one bid.	In view of aforesaid facts, it is requested to kindly have flexibility of JV and association formation with maximum limit of 4 members. Therefore, kindly allow 1 lead partner + 2 JV + 1 Associate partner or 1 lead partner + 1 JV + 2 Associate partners	
51.	Clause 3 of Section - 1 (Information to Consultants),	All the bidders registered on Infracon shall form a Team on Infracon and which would be assigned unique Infracon Team ID. Bidders while submitting the proposal shall quote the Infracon Team ID.	<p>The project demands highly skilled personal with extensive tunnelling experience for which there are only limited number of experts available on Infracon portal and within those experts plenty of them are in red or amber category which further limits the pool of experts having tunnelling experience.</p> <p>Hence consultant is forced to propose the new experts which are not yet registered on Infracon portal. In case we propose a new candidate, it will take min. 2 months of time for the registration and verification process for new profile. Hence, we request that the bidding process of the consultant's bid may be considered where the CV of the expert is on the Infracon portal, but generation of unique team ID shall not be made mandatory. Also, the evaluation of the CV shall not be considered through Infracon portal. Same has been considered under the Sungal tunnel bid floated by MORT&H. (Enclosed at Annexure - I)</p> <p>We suggest that CV as proposed by the consultant during the process of submission of bid on the Infracon portal which shall not be considered / included in the Team ID pending verification by the NHIDCL, considering the</p>	It is clarified that the experts/ Key personnel newly registered on Infracon portal, whose verification is yet to be completed shall be allowed for bidding process.



S. No	Reference/ Clause	Clause Description	Query	Reply
			<p>reasons as cited above, should be considered for evaluation purpose and the verification of the same may be done by the NHIDCL post submission of the bids.</p> <p>It is also proposed that in order to ensure the transparency in the bidding process, the copy of the CV as proposed by the consultant shall be uploaded / displayed on the E-Portal of the Client.</p> <p>This way, the CV's which are otherwise submitted as above, shall be in public domain.</p> <p>A mechanism in this regard should be worked out by the Client.</p>	
52.	<p>Clause 10 (i) Sub criteria for Relevant Experience of the firm for the assignment of Data Sheet,</p> <p>Sl. No. 5, Evaluation Criteria for Assessment of Experience of the Firm of Appendix-</p>	<p>In hand DPRs for Authority (Ministry /NHAI/ NHIDCL-As applicable) Tunnel Projects (presently under progress): 10 marks</p> <p>In hand DPRs for Authority (Ministry / NHAI/ NHIDCL As applicable) Highway/Bridge/Tunnel Projects (presently under progress)</p> <p><2: 0 marks</p> <p>2-5: 3.5 marks</p> <p>>5: 07 marks</p>	<p>We understand that the DPR projects which are not officially/ contractually closed as on bid submission date will be considered as in hand DPR projects.</p> <p>Please Clarify.</p>	Please refer to Amendment No. III.



S. No	Reference/ Clause	Clause Description	Query	Reply
	EC,			
53.	<p>Clause 10 (i) Sub criteria for Relevant Experience of the firm for the assignment of Data Sheet, Page no. 23</p> <p>Sl. No. 5, Evaluation Criteria for Assessment of Experience of the Firm of Appendix-EC, Page no. 28</p>	<p>In hand DPRs for Authority (Ministry /NHAI/ NHIDCL-As applicable) Tunnel Projects (presently under progress): 10 marks</p> <p>In hand DPRs for Authority (Ministry / NHAI/ NHIDCL As applicable) Highway/Bridge/Tunnel Projects (presently under progress)</p> <p><2: 0 marks</p> <p>2-5: 3.5 marks</p> <p>>5: 07 marks</p>	<p>We understand that apart from tunnel projects, Highway / Bridges DPR projects under progress from Ministry / NHAI / NHIDCL will be consider for evaluation as per the SBD floated by Ministry enclosed as Annexure - II</p> <p>We understand that the Ministry relates to the Ministry of Road Transport and Highways only, and no international / overseas In hand DPR will be considered for evaluation.</p>	-do-
54.	Note under Clause 10 (i) Sub criteria for Relevant Experience of the firm for the assignment of Data Sheet, Page no. 23	Consultants should give details of the experience of the firm considering the completed and the on-going highway assignments, separately for PPP and non-PPP Projects along with experience certificates from clients. This list of the completed works should also include those assignments which are substantially (90% of Contract value) completed. No Qualification/ Experience etc. shall be considered without proof of experience.	<p>We understand that only the projects with civil work progress of 90% or more shall be considered as substantially completed assignments and will be considered for evaluation under supervision category.</p> <p>Please Clarify</p> <p>Further, in case of DPR/ Feasibility Study projects, there is no mechanism to define the physical progress of the work. Hence the</p>	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
			projects for which DPR has been submitted and civil tenders have been invited should be considered as substantially completed project and should be considered for evaluation under DPR category.	
55.	<p>Clause 10 (ii) Sub criteria for Experience in use of technology for road inspection of Data Sheet, Page no. 24</p> <p>Sl. no. 2. Evaluation Criteria for assessment of experience in use of technology for road inspection of Appendix-EC Page no. 29-30</p>	<p>1. Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection: 7 marks</p> <p>1.1. Equipment: 4 marks (a) <i>Equipment on MOU with Associate or on hiring basis: 2 marks</i> (b) <i>Own Equipment: 4 marks</i></p> <p>1.2. Experience: 3 marks (a) <i>1-2 projects: 1 marks</i> (b) <i>3-5 projects: 2 marks</i> (c) <i>>5 projects 3 marks</i></p> <p>2. Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement: 4 marks</p> <p>2.1. Equipment 2 marks (a) <i>Equipment on MOU with Associate or on hiring basis: 1 marks</i> (b) <i>Own Equipment 2 marks</i></p> <p>2.2. Experience: 2 marks (a) <i>1-3 projects: 1 marks</i> (b) <i>> 3 projects: 2 marks</i></p> <p>3. Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection: 5 marks</p> <p>3.1. Equipment: 2 marks (a) <i>Equipment on MOU with Associate or on hiring basis: 1 marks</i> (b) <i>Own Equipment: 2 marks</i></p> <p>3.2. Experience: 3 marks</p>	<p>As the project comes under the category of Greenfield project there is no requirement for carrying out condition survey hence requirement of technology such as NSV, FWD, MBIU, shall not be evaluated for the project.</p> <p>Being a tunnel project, geological and geotechnical investigations are prominent which involve both invasive and non-invasive investigations.</p> <p>Therefore, the equipment and technology relevant to the sub-surface investigations should be considered.</p> <p>Kindly consider.</p> <p>Further it may be appreciated that generally there are specialized vendors which owns such equipment and provide equipment. There would be few consultants who might own such equipment, as owning such equipment/ technology does not directly fall under consultant's business line.</p> <p>Furthermore, with reference to MoRTH Policy no. RW/NH-33044/24/2020-S&R (P&B) dated 6th January 2021 enclosed as Annexure - III, it is stated that "the marks for equipment is</p>	<p>The guidelines issued vide MoRTH Policy no. RW/NH-33044/24/2020-S&R (P&B) dated 6th January 2021 shall be applicable.</p>

S. No	Reference/ Clause	Clause Description	Query	Reply
		<p>(a) 1-2 projects: 1 marks (b) 3-5 projects: 2 marks (c) >5 projects: 3 marks</p> <p>4. Experience in Retro reflectometer technology: 4 marks</p> <p>4.1. Equipment: 2 marks (a) Equipment on MOU with Associate or on hiring basis: 1 marks (b) Own Equipment: 2 marks</p> <p>4.2. Experience: 2 marks (a) 1-3 projects: 1 marks (b) > 3 projects: 2 marks</p>	<p>rationalized and full score be accorded for either of ownership or hire purchase or other option such as leasing as the intent of contract is to get the services of the Consultant for using the equipment for the given assignment”.</p> <p>In view of the aforesaid, Own equipment or MOU with any associate technology firms who’s owning the equipment may also be given full marks under the head of Equipment.</p>	
56.	GCC Clause 6.2 (d) Remuneration and Reimbursable Expenditures Page no. 218	<p>Notwithstanding anything to the contrary stated in the GCC and SCC, it shall be mandatory to deploy the key personnel and sub-professional as per the Man- Months Input specified in the Terms of Reference.</p> <p>Inadequate deployment of key personnel and sub-professional shall lead to deduction in the monthly payment as per following table. The key personnel and sub- professional shall be considered to be inadequately deployed if he/she is not present for atleast 90% of the time stipulated in the month, as per the Man Months Input in the Terms of Reference and the Deployment Schedule proposed by the firm.</p>	<p>The project site is located in the difficult terrain, adverse climatic conditions, and is having Law and Order problems, and accordingly the clause is very disadvantageous in terms of financial implications for the consultant.</p> <p>Accordingly, it is suggested that the payments should be on actual man-days in a month without imposing any penalty.</p> <p>OR</p> <p>We suggest the client to kindly consider inadequate deployment of the expert if he/she is present for less than 90% (excluding holidays) of the time stipulated in a half year as per the Man-Month input, which is illustrated in the RFP for “Project Management Consultancy Services For Construction of Twin Tube Uni-directional Tunnel (10.8 km) under Ganesh top hill including approaches on Khanabal-Baltal section under UT of Jammu & Kashmir on EPC</p>	Please refer to Amendment no-III.

S. No	Reference/ Clause	Clause Description	Query	Reply																					
		<table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Personnel</th> <th>% reduction in monthly payment</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">Normal Highway Project</td> </tr> <tr> <td>1</td> <td>Team Leader cum Senior Tunnel Expert</td> <td>20%</td> </tr> <tr> <td>2</td> <td>Resident cum Tunnel Excavation Expert</td> <td>25%</td> </tr> <tr> <td>3</td> <td>Bridge/Structural Engineer</td> <td>20%</td> </tr> <tr> <td>4</td> <td>Other Key Personnel</td> <td>20%</td> </tr> <tr> <td>5</td> <td>Sub- Professional Staff</td> <td>15%</td> </tr> </tbody> </table> <p>For avoidance of doubt, in case the Team Leader cum Senior Highway Engineer has not been made available for 90% of the stipulated time in the month, then only 80% of the monthly payment shall be released. In the case of "Other Key Personnel (Sr. No. 4)" and "Sub - Professional Staff (Sr. No. 5)", the average availability across the group shall be considered for calculation.</p>	Sr. No.	Personnel	% reduction in monthly payment	Normal Highway Project			1	Team Leader cum Senior Tunnel Expert	20%	2	Resident cum Tunnel Excavation Expert	25%	3	Bridge/Structural Engineer	20%	4	Other Key Personnel	20%	5	Sub- Professional Staff	15%	Mode" as enclosed in Annexure -IV	
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5	Sub- Professional Staff	15%																							
57.	Clause 14 (B) of Section - 1 (Information to Consultants), Page no. 5	In addition, the applicant whether a sole applicant or lead member with joint venture may also include an Associate for providing key personnel. In such case, the applicant should submit an MOU with associate regarding role and responsibility of Associate Company. However, the maximum no. of key personnel from Associate firm during RFP proposal and implementation of contract should be limited to two (2).	In general Authority Engineer tenders there are only six key experts required. However in the subject project there are ten (10) key experts. In view of same we request you to kindly allow associate partner to propose atleast four experts. Kindly consider.	As per RFP.																					
58.	Note under Clause 16 (B) of Section - 1 (Information	The weightage given for experience of a firm would depend on the role of the firm in the respective assignments. The firm's experience would get full credit if it was the sole firm in the	We understand that the weightage of the Associate Firms will be considered 25%, however, we would like to submit that the project executes as consortium/ association,	As per RFP.																					

S. No	Reference/ Clause	Clause Description	Query	Reply
	to Consultants), Page no. 7 Clause (d) and (e) of Appendix-A of Section - 3: Formats for submission of Firms Credentials, Page no. 47-48	respective assignment. If the applicant firm has completed projects as JV with some other firms, weightage shall be given as per the JV share***. However if the applicant firm has executed the project as associate with some other firms, 25% weightage shall be given to the applicant firm for the projects completed under such association. For weightage of experience in any past Consultancy assignment, experience certificate from the client shall be submitted. In absence of clear demarcation of JV share in client certificate, the weightage will be treated as 60 % for lead partner and 40% for minor partner. Annual turnover duly certified by Chartered Accountant shall be accepted. In case of non-availability of such documents no weightage of turnover/experience will be considered.	the sharing of roles and responsibility of each member are defined in their MOU based on their consultancy fee sharing. Whereas this project is open for international bidding where the consortium might have scenarios like (Lead+JV+JV), in such cases there will be a sharing of 40% to both the JV partners. So, we request you to kindly consider the sharing given in the certificate. We kindly request the client to consider the same.	
59.	Clause 3.4 x (a) of Section - 2 (LOI), Page no. 15	x. Requirement for submission of CVs. a. The CVs of following [eight key personnel in the format as per Appendix- B-6 is to be furnished on INFRACON portal. [Team leader cum Senior Highway Engineer, Resident cum Highway Engineer (2 Nos.), Bridge/Structural Engineer, Senior Pavement Specialist, Senior Quality cum Material Expert, Slope Protection Expert and Road Safety Expert in case of Normal Highway Project]	Contradictory with the requirement of key experts in the RFP. We understand that CVs of following 10 key experts to be furnished with the technical proposal. <ol style="list-style-type: none"> 1. Team Leader Cum Senior Tunnel Expert 2. Resident Engineer cum Excavation Specialist 3. Resident cum Highway Engineer 4. Senior Geotechnical Expert 5. Tunnel Design Engineer 6. Tunnel Safety Expert 7. Senior Geologist 8. Senior Contract Specialist 9. Bridge/Structural Engineer 	This clause may be read as “ The CVs of following [Ten key personnel in the format as per Appendix- B-6 is to be furnished on INFRACON portal. [Team Leader Cum Senior Tunnel Expert, Resident Engineer cum Excavation Specialist, Resident Highway

S. No	Reference/ Clause	Clause Description	Query	Reply
			10. Senior Quality cum Material Expert	Engineer, Senior Geotechnical Expert, Tunnel Design Engineer, Tunnel Safety Expert, Senior Geologist, Senior Contract Specialist and Bridge/Structural Engineer, Senior Quality cum Material]
60.	Clause 8 of Data Sheet, Page no. 22 And BoQ (excel) uploaded on E-tendering portal	The Consultants to state cost in INR. Basic Rate (excluding GST) in figures to be entered by the Bidder in Rs.	The National Highways & Infrastructure Development Corporation Limited (NHIDCL) (the 'Employer') invites proposals from eligible Consultants for this project on the basis of International Competitive Bidding, moreover this project is of high importance and many International Firms as well as Experts would be participating in this project. Therefore, we request to please allow the bidders to quote the remuneration of experts in other currencies like Euro/ USD.	As per RFP.
61.	Note for Similar Capacity- 1 (i) under Team Leader cum Senior Tunnel Expert of Evaluation Criteria for	Note: (1) Similar Capacity includes the following positions i) On behalf of Consultant: Team Leader/Resident Engineer/ Professional Engineer/ Chartered Engineer (Construction Supervision /IE/AE)	We request the client to kindly define the term Professional engineer and Chartered Engineer and which designation are covered under this capacity.	As per RFP.



S. No	Reference/ Clause	Clause Description	Query	Reply
	assessment of score of Key Staff, Page no. 32			
62.	Sl. No. 1 of 3.2 Resident cum Tunnel Excavation Expert of Evaluation Criteria for assessment of score of Key Staff, Page no. 32	1. General Qualification I) Graduate in Civil/ Mining Engineering or equivalent - 21 marks II) Post-Graduate or Chartered Engineer in Civil/ Mining Engineering or equivalent - 4 marks	We understand that Post Graduation in any specialization of Civil Engineering i.e. (Geotechnical Engineering, Structural Engineering, Highway Engineering, Soil Mechanics, Transportation Engineering etc.) will fetch full (4) marks. Please Clarify.	As per RFP.
63.	Sl. No. 2 (a) (iii) of 3.5 Tunnel Safety Expert of Evaluation Criteria for assessment of score of Key Staff, Page no. 38	III) International exposure in tunnel safety works in developed Countries <7 years - 0 7 years - 7 marks <i>Add 1 mark extra for each additional project subject to maximum 3 (three) marks.</i>	We request the authority to kindly share the list of developed country from which the experts need to have experience so as to fetch full marks under this criteria. We request you to kindly relax this criterion as "International exposure in tunnel safety works in developed/ developing countries", as there are several competent professionals working in developing countries as well. We further request you to modify the criteria as following: <3 years - 0 3-5 years - 5	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
			5- 7 years - 7 Add 1 mark extra for each additional project subject to maximum 3 (Three) marks.	
64.	Sl. No. 2 (b) (ii) of 3.7 Senior Geotechnical Expert of Evaluation Criteria for assessment of score of Key Staff, Page no. 41	Senior Geotechnical Experience as Geotechnical engineer or similar capacity in Construction/ Construction Supervision of major tunnel projects involving vertical shaft sinking of at least 200m vertical depth. <i>1 project - 4 marks</i> <i>2 or more projects - 5 marks</i>	As per our understanding of the project, there isn't any provision of vertical shaft. Hence, the requirement for vertical shaft of 200m vertical depth shall be deleted and the weightage 5 marks shall be allocated under other prescribed criteria. Kindly consider.	-do-
65.	Sl. No. 2 (b) (i) of 3.8 Senior Geologist of Evaluation Criteria for assessment of score of Key Staff, Page no. 43	Senior Geologist Experience in major Tunnel (Road/ Rail/ Metro) Construction works in similar capacity <i>< 7 years - 0</i> <i>7 years - 12 marks</i> <i>Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks</i>	We understand that the experience of construction works as well as construction supervision works will be considered. Please Clarify	-do-
66.	General	Tunnel projects, unless specifically mentioned, has to be major tunnels of length equal to or more than 1.5 Km to be considered for evaluation	We understand that Tunnel projects (Road/ Rail/ Metro) with length equal to or more than 1.5 Km will be considered as Major tunnels.	-do-
67.	Clause vii and viii of	vii. Experience as Authority Engineer/ Independent Consultant/ Construction supervision	We understand that only experience of tunnel projects to be provided under this	Agreed

S. No	Reference/ Clause	Clause Description	Query	Reply
	Appendix-A of Section - 3: Formats for submission of Firms Credentials, Page no. 46-47	of Highway projects , separately for PPP and non-PPP Projects during the last 7 years. *** viii. Experience in DPR/ Feasibility Study cum Preliminary Design Report preparation of 2/4/6 laning / Bridge Highway Projects separately for the PPP and non-PPP projects during the last 7 years. ***	requirement.	
68.	General	Mobilisation During Extreme climatic Condition.	The project is located in such a geography that the region is covered with snow for six months and the climatic conditions does not allow to work during these six months. In such conditions, it would be very difficult to demobilize and mobilize the resources again and again as it would incur huge burden on the consultants. Hence it is kindly requested from the client to make provision for payment to consultant during snow periods as well. Kindly consider	As per RFP.
69.	Sl. No. 1 (A), Clause 16 (A) Eligibility criteria for sole applicant firm of Section - 1 (Information	The firm should have minimum experience of preparation of detailed Project Report/ Feasibility Study cum Preliminary Design Report of Tunnel Project of aggregate length equal to 10.3 km (equal to the project tunnel length) or more of 'Similar category** for which RFP is Invited.	You will agree to our point that in European and other International countries the certificates issued by clients for Detailed design/ Feasibility studies projects only Design/ Detailed Design word has been used. In view of same it is requested to kindly accept the terminology as Design/ Detailed Design for the overseas projects done in European countries under this category and same shall be	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
	to Consultants), Page no. 6		considered under the evaluation.	
70.	Clause 1 of Section - 1 (Information to Consultants), Page no. 3	The National Highways & Infrastructure Development Corporation Limited (NHIDCL) (the 'Employer') invites proposals from eligible Consultants for engaging an Authority's Engineer (AE) on the basis of International Competitive Bidding for the following contract package in the State of Mizoram.	It seems to be typo error The National Highways & Infrastructure Development Corporation Limited (NHIDCL) (the 'Employer') invites proposals from eligible Consultants for engaging an Authority's Engineer (AE) on the basis of International Competitive Bidding for the following contract package in the Union Territory of Jammu & Kashmir.	Agreed
71.	Evaluation Criteria for assessment of score of Senior Geotechnical Expert, Page no. 41	<p><u>Senior Geotechnical Expert</u></p> <p>A ii) Experience in Construction/ Construction Supervision of major tunnel Projects (Road/ Rail/ Metro) - 10 marks</p> <p>< 10 years - 0</p> <p>10 years - 7 marks</p> <p>Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.</p> <p>b i) Experience as Geotechnical engineer or similar capacity in construction/ construction supervision of at least 4 tunnel projects (Road/ Rail/ Metro) of length equal to or more than 4 km - 25 marks</p> <p>< 4 projects - 0</p>	We request you to consider the experience of Hydro tunnels for this position under this criterion, as the geotechnical conditions and technical aspects of hydro tunnels projects are similar to road/ rail/ metro tunnel projects	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
		<p><i>4 projects - 17 marks</i></p> <p><i>Add 2 mark extra for each additional project subject to maximum 8 (eight) marks</i></p> <p>b ii) Experience as Geotechnical engineer or similar capacity in Construction/ Construction Supervision of major tunnel projects involving vertical shaft sinking of at least 200m vertical depth - 5 marks</p> <p><i>1 project - 4 marks</i></p> <p><i>2 or more projects - 5 marks</i></p> <p>b iii) Experience as Geotechnical engineer or similar capacity in design/project preparation of tunnel projects (Road/ Rail/ Metro) of at least 4 km length - 15 marks</p> <p><i>< 2 projects - 0</i></p> <p><i>2 projects - 11 marks</i></p> <p><i>Add 2 marks extra for each additional projects subject to maximum 4 (four) marks.</i></p>		
72.	Evaluation Criteria for assessment of score of Senior Geologist, Page no. 42-	<p>Senior Geologist</p> <p>A ii) Experience in major Tunnel construction/ construction supervision Projects (Road/ Rail/ Metro) using NATM technology - 15 marks</p> <p><i>< 5 years - 0</i></p> <p><i>5 years - 12 marks</i></p> <p><i>Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.</i></p>	We request you to consider the experience of Hydro tunnels for this position under this criterion, as the geotechnical conditions and technical aspects of hydro tunnels projects are similar to road/ rail/ metro tunnel projects	As per RFP.



S. No	Reference/ Clause	Clause Description	Query	Reply								
	43	<p>b i) Experience in major Tunnel (Road/ Rail/ Metro) Construction works in similar capacity - 15 marks <i>< 7 years - 0</i> <i>7 years - 12 marks</i> <i>Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.</i></p> <p>b ii) Experience in similar capacity in project preparation/ DPR involving of major tunnel projects (Road/ Rail/ Metro). (Min 1 year experience in a project) - 10 marks <i><2 projects - 0</i> <i>2 projects -7 marks</i> <i>Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.</i></p> <p>b iii) Experience in similar capacity in highway tunnel construction/ construction supervision with minimum length of 4 Km - 10 marks <i>< 2 projects - 0</i> <i>2 project - 7 marks</i> <i>Add 1.5 marks extra for each additional projects subject to maximum 3 (three) marks.</i></p>										
73.	APPENDIX C-3: Remuneration for Local Professional Staff, Page no. 72	<p>APPENDIX C-3: BREAKDOWN OF LOCAL CURRENCY COSTS</p> <p>I. REMUNERATION FOR LOCAL PROFESSIONAL STAFF</p> <table border="1" data-bbox="459 1284 1108 1396"> <thead> <tr> <th rowspan="2">Position</th> <th colspan="2">No. of man- months</th> </tr> <tr> <th>Construction period</th> <th>Maintenance period</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Position	No. of man- months		Construction period	Maintenance period				We Request you the reduce the inputs of the Key Personnel (Tunnel Design Engineer, Senior Geotechnical Expert, Senior Geologist) as the critical inputs of these key experts will be completed before the 48 months. The key experts can engaged on intermittent basis i.e., 24 months, which also reduces the overall cost of the consultancy.	-do-
Position	No. of man- months											
	Construction period	Maintenance period										



S. No	Reference/ Clause	Clause Description			Query	Reply
	Enclosure-A Man - Months input for Key Professional Staff, Page no. 94	Tunnel Design Engineer	48	6		
		Senior Geotechnical Expert	48	6		
		Senior Geologist	48	6		
		<u>MAN - MONTHS INPUT FOR KEY PROFESSIONAL STAFF</u>				
		Position	No. of man- months			
			Construction period	Maintenance period		
		Tunnel Design Engineer	48	6		
		Senior Geotechnical Expert	48	6		
		Senior Geologist	48	6		
74.	criteria for Relevant Experience of the firm for the assignment (Page no 24 of RFP)	In hand DPRs for Authority (Ministry /NHAI/NHIDCL-As applicable) Tunnel Projects (presently under progress) and In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress) (Page No. 28)			It is our request to allow International and Other Client DPR projects as well. Similar provision was allowed in following projects of NHAI and MoRTH; <ul style="list-style-type: none"> - Sahibganj Cable Stayed Bridge project. - Six lane Bridge Sherpur Dighwara across River Ganga as Part of Patna Ring Road - Six Lane Bridge including its approaches across River Ganga on NH-96 (New NH-330) at Phaphamau, Prayagraj U.P. - Four Lane Bridge (parallel to the existing MG SETU) With Its Approaches across River Ganga NH-19 at Patna This will increase competition and it will allow	Please refer to Amendment No-III.

S. No	Reference/ Clause	Clause Description	Query	Reply
			International firm to participate in the project.	
75.	Appendix-EC - S. No.2	Nos. of Highway Professionals with the firm who possess degree in Civil Engineering/Transport Planning /Transport Economics/Traffic Management / Geology/ Environment Science or Engineering and 8 years experience in highway/bridge with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.	It is requested that Professionals registration at INFARCON portal should be deleted due; <ul style="list-style-type: none"> - It will take long time to get registration. - INFRACON takes long time for verification. 	As per RFP.
76.	3.1 - Team Leader cum Senior Tunnel Expert: - (Page no. 31-32)		Kindly elaborate the Professional Engineer position. (in similar capacity)	As per RFP.
77.	3.7 Senior Geotechnical Expert: (Page no. 39 - 40)	Similar Capacity includes the following positions (i) On the behalf of Consultant/Contractor: Senior Geotechnical Engineer	Add Geotechnical Engineer also in the similar capacity	As per RFP.
78.	3.8 Geologist: (Page no. 40-41)	Similar Capacity includes the following positions (i) On the behalf of Consultant/Contractor: Senior Geologist	request to add Geologist in the similar capacity	As per RFP.
79.	Section 1, Information to Consultants, Clause 13, Page No. 5	Consultants may apply either as a sole firm or forming Joint Venture with other consultants. In case of Joint Venture, the maximum number of Joint Venture partners is limited to 3 (i.e., one lead + 1 JV partners + One Associate). Formulation of more than one JV/association with different partners for the same work is not allowed and all such proposal involving the firms	In addition to this, kindly allow the consultants to participate as one lead + two associates. Currently, very few firms qualify as JV and considering the location, one associate will not be enough. Please consider.	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
		shall be treated as non-responsive.		
80.	Section 1, Information to Consultants, Eligibility Criteria, Table 16 (A), S. No. 1(a) & 1(b), Page No. 6	1(a)The firm should have minimum experience of preparation of Detailed Project Report/ Feasibility Study cum Preliminary Design Report of Tunnel Project 1(b)Firm should also have prepared DPR/ Feasibility Study cum Preliminary Design Report for at least one Tunnel project	Please note that International Consultants carry out detailed design assignments and there is no DPR nomenclature. Kindly, accept and evaluate detailed design assignments as equivalent to DPR assignments. In continuation to the same, please allow Preliminary Design assignments even if the word Feasibility is not mentioned in the name of the assignment or as a scope item. Even in India, DPR for Rail & Metro projects does not even involve preliminary design. This nomenclature (DPR) is not common even in India.	
81.	Eligibility Criteria, Clause 16 (A), - Note, Page No. 7	Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5-meter diameter for which RFP is invited.	Since this is a Twin Tube Uni-directional Tunnel, we understand our 6-lane twin tube (3 tube x 3 lane) tunnel experience will be considered with a multiplication factor of 1.5. Kindly confirm.	Please refer to Amendment no-III.
82.	Eligibility Criteria, Clause 16 (A), Page No. 6 Data Sheet, Clause 10(i), Sub criteria for Relevant Experience of the firm, Page 23	For this project experience of more than twin tubes (including tunnel(s) for roads/ Railway/ Metro rail/ irrigation/ hydroelectric etc.) having at least 5-meter diameter also to be considered with a multiplication factor of 1.5. Experience of single tube tunnel (including tunnel(s) for roads/ Railway / Metro rail/ irrigation/ hydro-electric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.	We are facing difficulty in understanding the interpretation of the sentence - more than twin tubes tunnels. Request you to clarify: Single tube tunnel to be considered with a multiplication factor of 0.4. Twin Tube Tunnel or more to be considered with a multiplication factor of 1.5. Please confirm.	-do-

S. No	Reference/ Clause	Clause Description	Query	Reply												
	Appendix EC, Evaluation Criteria, Note 3, Page 29															
83.	Section 1, Information to Consultants, Eligibility Criteria, Table 16 (A), S. No. 1(b), Page No. 6 Appendix EC, Evaluation Criteria of Firm, S. No. 4, Page 28	Firm should also have prepared DPR/ Feasibility Study cum Preliminary Design Report for at least one Tunnel project of similar category** of project length equal to 3.09 km (30% of project tunnel length) Experience DPR preparation for Number of Tunnel Projects of length 4.12 km (40% of similar category for which RFP invited) or more in last 10 years.	We usually see that 40% of project length is considered for Minimum Eligibility Criteria for a sole applicant in Preparation of DPR and Project Supervision/IC. So, to involve better consultants to undertake design review of a complex project, the criteria as per Table 16 (A), S. No. 1(b) should be modified as: Firm should also have prepared DPR for at least one Tunnel project of similar category** of project length equal to 4.12 km (40% of project tunnel length) and Feasibility Study cum Preliminary Design Report for at least one Tunnel project of similar category** of project length equal to 6.18 km (60% of project tunnel length)	As per RFP.												
84.	Data Sheet, Clause 10(i), Sub criteria for Relevant Experience of the firm, Page 23 Appendix EC, Evaluation Criteria, Note 3, Page 28	In hand DPRs for Authority (Ministry/ NHAI/ NHIDCL - As applicable) Tunnel Projects (Presently under progress) <table border="1" data-bbox="481 1109 1108 1396"> <tr> <td>5</td> <td>In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress)</td> <td>07</td> </tr> <tr> <td>5.1</td> <td><2</td> <td>0</td> </tr> <tr> <td>5.2</td> <td>2-5</td> <td>3.5</td> </tr> <tr> <td>5.3</td> <td>>5</td> <td>07</td> </tr> </table>	5	In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress)	07	5.1	<2	0	5.2	2-5	3.5	5.3	>5	07	Since we are a Tunnel Specialist company having in hand DPRs internationally, this criterion will help National companies only. Thus, for fair evaluation and equal marking opportunity for all interested consultant (National as well as International Consultants), kindly accept in hand DPRs of the consultant irrespective of the type of Client. Request you to modify as: In hand DPRs for Domestic and International Government Authorities Projects (presently under progress)	Please refer to Amendment no-III.
5	In hand DPRs of Highway/Bridge/Tunnel Projects (presently under progress)	07														
5.1	<2	0														
5.2	2-5	3.5														
5.3	>5	07														

S. No	Reference/ Clause	Clause Description	Query	Reply
			<p>Enclosed similar RFP documents of Ministry & NHAI:</p> <ul style="list-style-type: none"> - MoRTH AE 6-lane H.L./Extra-dosed Cable Bridge on river Ganga - MoRTH 4-lane Vikramshila Bridge - MoRTH 4-lane Beyt Dwarka - NHAI 4-lane Sahibganj Bypass <p>Please also note that work done by Indian/ International Firms with relevant in hand DPRs will not qualify as JV Firm as they will not suffice the JV requirement.</p>	
85.	Appendix EC, Evaluation Criteria of Firm, Table 1, S. No. 3, Page 27	<p>Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of tunnel Projects of length equal to 4.12 km (40% of similar category for which RFP is invited) or more in last 10 years.</p> <p>1 project - 8 marks</p> <p>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.</p>	<p>If a project contains multiple tunnels of length > 4.12 km (40% of similar category for which RFP is invited) or more in last 10 years, we request to consider single tunnel length > 4.12 km as eligible assignment.</p> <p>Also, please consider Construction Supervision experience in added marks criteria.</p> <p>To be read as: 1 tunnel - 8 marks</p> <p>Add 1(one) mark extra for completed assignment of Authority Engineer/ Independent Engineer/ Construction Supervision and add 0.5 (Zero point five) marks extra for completed assignment of supervision consultancy subject to maximum 2 (Two) marks.</p>	As per RFP.
86.	Appendix EC, Evaluation Criteria of Firm, Table	Experience as Independent Engineer/ Authority Engineer/ Construction Supervision in Number of tunnel Projects of length equal to 4.12 km (40% of similar category for which RFP is invited) or more	Please confirm that our BOT project supervision certificate issued by Client will be accepted even if it does not refer to us as Independent Engineer. This is because in the	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
	1, S. No. 3, Page 27	in last 10 years.	countries we work, the term Independent Engineer is not used.	
87.	Appendix EC, Table 2, Evaluation Criteria in use of technology for road inspection, Clause 12.2, Sl. No. 1-4, Page No. 29 to 30.	Marks distribution for (a)Equipment on MOU with Associate or on hiring Basis and (b)Own Equipment	Marks for equipment (NSV, FWD, MBIU & RR) are reduced for MOU with Associate or on hired basis. Full marks should be allotted as per the new policy guidelines dt. 06.01.2021, Point No. 5 uploaded by MoRTH - "The marks for equipment is rationalized and full score be accorded for either of ownership or hire purchase or other option such as leasing as the intent of contract is to get the services of the Consultant for using the equipment for the given assignment."	The guidelines issued vide MoRTH Policy no. RW/NH-33044/24/2020-S&R (P&B) dated 6th January 2021 shall be applicable.
88.	Appendix EC, 3 Evaluation Criteria for assessment of score of Key Staff, Page 31	Evaluation Criteria for assessment of score of Key Staff - Tunnel projects (Road/Rail/Metro) of length equal to or more than 4 Km	If in a particular project, an expert has worked in more than one tunnel, will all the length of the tunnels be aggregated to meet the required Tunnel Length of > 4 km in the project. Please clarify.	As per RFP.
89.	Appendix EC, Evaluation Criteria of Key Staff, 3.2 Resident cum Tunnel Excavation Expert, Page - 32 to 33	b(i)Experience as Tunnel Excavation Expert or similar capacity in construction supervision of major tunnelling projects (Road/Rail/Metro) b(ii)Experience as Tunnel Excavation Expert or similar capacity in construction supervision of tunnel projects (Road/Rail/Metro) of minimum length of 4 km (Minimum one year supervision in a project)	As per the interpretation of clause, experience is only considered for construction supervision projects, i.e., only on behalf of the Consultant. But in similar capacity positions, both on behalf of the consultant and contractor is consider. So, request you to please add: Experience as Tunnel Excavation Expert or similar capacity in construction/ construction supervision of major tunnelling projects (Road/Rail/Metro)	-do-
90.	Appendix EC,	Only those projects (in numbers) will be	For evaluation of CVs, we found details are	As per RFP.

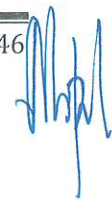
S. No	Reference/ Clause	Clause Description	Query	Reply
	Evaluation Criteria of Key Staff, Point No. 3, Page - 31 to 43	considered for evaluation above, where the input of the personnel is not < 12 months	missing for 3.1 Team Leader cum Senior Tunnel Expert, 3.2 Resident cum Tunnel Excavation Expert, 3.4 Tunnel Design Engineer, 3.5 Tunnel Safety Expert, 3.7 Senior Geotechnical Expert, 3.8 Senior Geologist. Please include the following for evaluation: For Project Preparation/ DPR: Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 6 months. (Even for MoRTH/NHIDCL projects DPR work does not go beyond 12 months) For Construction/ Construction Supervision: Only those projects (in numbers) will be considered for evaluation above, where the input of the personnel is not < 12 months	
91.	Appendix EC, Evaluation Criteria of Key Staff, 3.5 Tunnel Safety Expert, Page - 38 to 39	Summation of Marking Criteria of Tunnel Safety Expert	The summation of total points is exceeding 100 marks. Please modify.	Please refer to Amendment no-III.
92.	Appendix EC, Evaluation Criteria of Key Staff, 3.5 Tunnel Safety Expert, a iii) Page - 38 to 39	International exposure in tunnel safety works in developed countries. <7 years - 0 7 years - 7 marks Add 1 mark extra for each additional project subject to maximum 3 (three) marks.	It is very difficult to find a Tunnel Safety Expert with minimum 7 years of international experience. Kindly delete this criterion. Also, for the sake of simplicity kindly consider Tunnel Engineer (who will look after the safety aspect) as equivalent to Tunnel Safety Expert. Please modify as:	As per RFP.

S. No	Reference/ Clause	Clause Description	Query	Reply
		Note: Similar Capacity includes the following positions: i. on the behalf of Consultant/ Contractor: Tunnel Safety Engineer/ Tunnel Safety Expert. In Govt. Organizations: Executive Engineer (or equivalent) and above.	Note: Similar Capacity includes the following positions: i. on the behalf of Consultant/ Contractor: Tunnel Engineer/ Tunnel Safety Engineer/ Tunnel Safety Expert. In Govt. Organizations: Executive Engineer (or equivalent) and above.	
93.	Appendix C-3, Office Rent, Clause. V, Page No. 74	Authority's Engineer/ Authority's Office during construction and maintenance period shall be provided with all facilities by the EPC Contractor.	During construction and maintenance period, we request that the EPC Contractor should maintain a separate office space of equivalent size during the 5 months of extreme winter when this location might be closed, or conditions may not be suitable for continuing work.	-do-
94.	Appendix C-3, Office Rent, Clause. V, Page No. 74	Authority's Engineer/ Authority's Office during construction and maintenance period shall be provided with all facilities by the EPC Contractor.	Considering the terrain, climate, and difficult conditions at site, we request the following facilities should be inclusive: at least Bachelor Accommodation for all staff along with Heating & Oxygen Facilities during the construction and maintenance stage. Please consider.	-do-
95.	General	Eligible Firms	We request that wholly owned Subsidiary incorporated in India of Foreign Firms can participate for this project by using the Technical & Financial Credentials of its parent firm. Please allow.	-do-
96.	General	Award of Contract	Due to paucity of good Tunnel experts CVs available on Infracon, if we propose same team with 2 different Team Leaders for the proposal of AE- Sudhmahadev and AE- Vailoo Tunnel, will we be eligible to win both the projects by allowing the Key Personnel to be replaced at	-do-

S. No	Reference/ Clause	Clause Description	Query	Reply
			the time of signing of contract. Please confirm.	
97.	General	After Award of Contract	We have learned that after award of contract with NHIDCL, a separate JV (incorporated JV) entity must be formed between partners. Kindly let us know if this will be applicable for this assignment as well.	-do-
98.	General	Bid Submission Date	We request you to please extend the submission date by at least 3 weeks (from the date of release of Pre-bid minutes) to allow us to prepare a competitive bid as the documents have to be translated, apostilled and notarised which takes some time for international firms.	Please refer to Amendment no-II.
99.	Clause 16, Eligibility Criteria Table A Page 6 of 264	<p>Preparation of DPR (1b) Firm should also have prepared DPR/ Feasibility Study cum Preliminary Design Report for at least one Tunnel project of similar category** of project length equal to 3.09 km (30% of project tunnel length)</p> <p>Project Supervision/ IC (NH/SH/Equivalent) (1b) Firm should have also experience of Project Supervision/ Independent Engineer/Authority's Engineer of at least one Tunnel project of similar category** of project length equal to 4.12 Km. (40% of the project tunnel length) Note: ** Similar Category of project means Tunnel project having twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5-meter diameter for which RFP is invited. For this projects experience</p>	<p>As defined in the Notes, Similar category projects of single tube tunnel shall be considered with a multiplication factor of 0.4, in this regard, it is submitted that, that most of the Tunnels constructed in India are of single tube only. Considering the above, it is requested that to have a fair bidding in the tenders, the multiplication factor of 0.4 may please be removed.</p> <p>It is also mentioned that the tunnel projects for Roads/Railways/Metro Rail/Irrigation and Hydroelectric will also be considered. It is to submit that the Tunnel lengths in Hydroelectric and Irrigation project are for conveying water rather than traffic movement, and they serve for an altogether different purpose. Therefore, it is requested that Hydroelectric and Irrigation projects may please be removed from the criteria.</p>	Please refer to Amendment no-III.

S. No	Reference/ Clause	Clause Description	Query	Reply																																																																																																																																
		<p>of more than twin tubes (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydroelectric etc.) having at least 5-meter diameter also to be considered with a multiplication factor of 1.5.</p> <p>Experience of single tube tunnel (including tunnel(s) for roads/Railway /Metro rail/ irrigation/ hydro-electric etc.) having at least 5 m diameter will be considered with a multiplication factor of 0.4.</p>	<p>Moreover, it is understood by the consultant that the tunnel length mentioned in the given table under clause 1(b) for DPR preparation and Project supervision is for the tunnels falling under one project irrespective of the number of tunnels and length of tunnels in the project. The Tunnels aggregate length shall be considered for at least one tunnel project. Please clarify.</p>																																																																																																																																	
100.	Data Sheet, clause 10, sr. no. 2 Experience in use of technology for road inspection, page 24 of 264	<p>ii. Sub criteria for Experience in use of technology for road inspection</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Description</th> <th>Maximum Points</th> <th>Sub-Points</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection</td> <td>7</td> <td></td> </tr> <tr> <td>1.1</td> <td>Equipment</td> <td>4</td> <td></td> </tr> <tr> <td></td> <td>(a) Equipment on MOU with Associate or on hiring basis</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>(b) Own Equipment</td> <td></td> <td>4</td> </tr> <tr> <td>1.2</td> <td>Experience</td> <td>3</td> <td></td> </tr> <tr> <td></td> <td>(a) 1-2 projects</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) 3-5 projects</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>i >5 projects</td> <td></td> <td>3</td> </tr> <tr> <td>2</td> <td>Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement</td> <td>4</td> <td></td> </tr> <tr> <td>2.1</td> <td>Equipment</td> <td>2</td> <td></td> </tr> <tr> <td></td> <td>(a) Equipment on MOU with Associate or on hiring basis</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) Own Equipment</td> <td></td> <td>2</td> </tr> <tr> <td>2.2</td> <td>Experience</td> <td>2</td> <td></td> </tr> <tr> <td></td> <td>(a) 1-3 projects</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) > 3 projects</td> <td></td> <td>2</td> </tr> <tr> <td>3</td> <td>Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection</td> <td>5</td> <td></td> </tr> <tr> <td>3.1</td> <td>Equipment</td> <td>2</td> <td></td> </tr> <tr> <td></td> <td>(a) Equipment on MOU with Associate or on hiring basis</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) Own Equipment</td> <td></td> <td>2</td> </tr> <tr> <td>3.2</td> <td>Experience</td> <td>3</td> <td></td> </tr> <tr> <td></td> <td>(a) 1-2 projects</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) 3-5 projects</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>i 5 projects</td> <td></td> <td>3</td> </tr> <tr> <td>4</td> <td>Experience in Retro reflectometer technology</td> <td>4</td> <td></td> </tr> <tr> <td>4.1</td> <td>Equipment</td> <td>2</td> <td></td> </tr> <tr> <td></td> <td>a) Equipment on MOU with Associate or on hiring basis</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) Own Equipment</td> <td></td> <td>2</td> </tr> <tr> <td>4.2</td> <td>Experience</td> <td>2</td> <td></td> </tr> <tr> <td></td> <td>(a) 1-3 projects</td> <td></td> <td>1</td> </tr> <tr> <td></td> <td>(b) > 3 projects</td> <td></td> <td>2</td> </tr> <tr> <td></td> <td>Total</td> <td>20</td> <td></td> </tr> </tbody> </table>	Sr. No.	Description	Maximum Points	Sub-Points	1	Experience in Network Survey Vehicle (NSV) or better technology for pavement inspection	7		1.1	Equipment	4			(a) Equipment on MOU with Associate or on hiring basis		2		(b) Own Equipment		4	1.2	Experience	3			(a) 1-2 projects		1		(b) 3-5 projects		2		i >5 projects		3	2	Experience in Falling Weight Deflectometer (FWD) or better technology for pavement strength measurement	4		2.1	Equipment	2			(a) Equipment on MOU with Associate or on hiring basis		1		(b) Own Equipment		2	2.2	Experience	2			(a) 1-3 projects		1		(b) > 3 projects		2	3	Experience in Mobile Bridge Inspection Unit or better technology for bridge inspection	5		3.1	Equipment	2			(a) Equipment on MOU with Associate or on hiring basis		1		(b) Own Equipment		2	3.2	Experience	3			(a) 1-2 projects		1		(b) 3-5 projects		2		i 5 projects		3	4	Experience in Retro reflectometer technology	4		4.1	Equipment	2			a) Equipment on MOU with Associate or on hiring basis		1		(b) Own Equipment		2	4.2	Experience	2			(a) 1-3 projects		1		(b) > 3 projects		2		Total	20		<p>As per the Ministry of Road Transport & Highways File No.: RW/NH/33044/24/2020-S&R (P&B) Dated 06.01.2021; under point no. 5 it is clearly stated as - "The marks for equipment's is rationalized, and full score be accorded for either of ownership or hire purchase or other option such as leasing as the intent of contract is to get the services of the Consultant for using the equipment for the given assignment". Following the above, full marks shall be accorded in case firms of ownership and also if firms make a MoU arrangement with Associate partners.</p> <p>NHIDCL previously in their tenders have accepted this condition and full marks were awarded to the consultants for equipment on MoU basis.</p> <p>Kindly consider.</p>	<p>The guidelines issued vide MoRTH Policy no. RW/NH-33044/24/2020-S&R (P&B) dated 6th January 2021 shall be applicable.</p>
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101.	Appendix EC Sl. No. 2	The Current Employment Certificate shall be uploaded by Key Personnel on the Infracon.	In view of the time take for approval process of the CV on INFRACON, it is requested the Client to consider an undertaking by the bidder for the permanent employee of the	It is clarified that the experts/ Key personnel newly registered on Infracon																																																																																																																																

S. No	Reference/ Clause	Clause Description	Query	Reply
			firm in place of Employment certificate of key personnel on Infracon. Kindly consider and confirm.	portal, whose verification is yet to be completed shall be allowed for bidding process.
102.	Appendix EC Sl. No. 5	In hand DPR for Authority (Ministry / NHAI / NHIDCL - as applicable) tunnel Projects (presently under Progress)	As the Client is intending to engage Consultants for Authority's Engineer (AE) based on International Competitive Bidding and the Project is of international repute of Tunnel, the Consultants would request to consider and allow <u>ongoing projects of tunnel</u> having scope of work for Detailed Engineering design / Detailed Project Report of domestic and international government authorities' under this category. It may kindly be noted that the NHAI had accepted the same on one of the Project bid for Authority Engineer for Construction Supervision of 6 Lane Bridge with approaches from Km 8+480 near Sherpur to km 23+000 near Dighwara across River Ganga as part of the Patna Ring road in the state of Bihar on EPC basis through the corrigendum No. IV dated 21 November 2022, ref. No. NHAI/HQ/BH/Sherpur-Dhghwara/AE/Proc./2022. A copy of the same is attached with this letter for your ready reference. Kindly consider and confirm.	Please refer to Amendment No-III.
103.	Appendix EC Sl. No. 4	Experience in DPR preparation for number of tunnel Projects of length 4.12 km (40% of similar category for which RFP invited) or more in last 10 years	As the Railway / Metro Rail / Irrigation / Hydro electric tunnels are allowed by the Client as Similar Project, the consultants understand the Preparation of Detailed	As per RFP.



S. No	Reference/ Clause	Clause Description	Query	Reply
			Design for the respective tunnel Project for Railway / Metro Rail / Irrigation will be consider equivalent to DPR. Kindly confirm.	
104.	Point 10. (i) , Sub criteria for Relevant Experience of the firm for the assignment, page 23/264	**Tunnel professionals who possess degree in Civil Engineering / Mining Engineering or equivalent and 8 years' experience in Major tunnel with employment in the firm for more than one year. The current Employment Certificate shall be uploaded by Key Personnel on INFRACON.	It is requested to include Degree in Geology also under tunnel professionals with other terms and conditions unchanged.	As per RFP.
105.	Point 10. (i) , Sub criteria for Relevant Experience of the firm for the assignment, page 23/264	Experience as Independent Engineer/Authority Engineer/Construction Supervision in Number of tunnel Projects of length equal to 4.12 km (40% of similar category for which RFP is invited) or more in last 10 years**	We understand that feasibility study/basic design project will also be considered, please confirm.	-do-


(B. Shivprasad)
 General Manager (T)



Lab Technicians:

They should be at least Diploma-holders with about 5 to 6 years of experience in handling the quality control tests laboratories for road/bridge works or Graduates with more than 10 years of relevant experience in the field of testing of road/bridge projects.



