

# राष्ट्रीय राजमार्ग एवं अवसंरचना विकास निगम लिमिटेड

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

## National Highways & Infrastructure Development Corporation Limited

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**BHARATMALA**   
ROAD TO PROSPERITY



CIN: U45400DL2014GOI269062

सार्वजनिक क्षेत्र का उपक्रम

A PUBLIC SECTOR UNDERTAKING

NHIDCL/Silkyara Tunnel/AE/2018

17.10.2018

**Subject:** Consultancy services for Authority's Engineer for Supervision of Construction, Operation and Maintenance of 2-lane Bi-Directional Silkyara Bend -Barkot Tunnel with escape passage including approaches on Dharasu-Yamunotri section between Ch. 25.4 km and Ch. 51.0 km falling along NH-134 (old NH-94) in the State of Uttarakhand" on Engineering, Procurement and Construction (EPC) Mode. Reply to Pre Bid Queries

Sl. No.	Clause No./ Page no. of RFP	RFP Reference	Queries/ Clarifications	Reply
1.	Clause 11 (A) of Section-1 (ITC), Page no. 5	A). Eligibility criteria for sole applicant firm.	What should be minimum length of tunnel required and we understand that continuous tunnel (single stretch) will be considered under the head of similar category of Tunnel work of 40% of tunnel/ project length.	Minimum length of tunnel should be more than 4.859 km which is also clarified in the Corrigendum-1
2.	Clause 11 (A) of Section-1 (ITC), Page no. 5	Note: **Tunnel Works for road/ rail/ metro will be considered as applicable for the project for which the RFP is invited. For standalone Tunnel projects, experience in Tunnel work (either r standalone project or as a part of road/rail project) only be considered.	We understand that it's a typical highway tunnel project, in view of same we request you to kindly consider the experience of road tunnels only.  Further as generally metro are not build in hilly terrain hence it is understood that experience in metro tunnel work cannot be drawn parallel to tunnels in hilly terrain. On the same it is requested to consider road tunnel as an eligible experience for the project.	As per RFP
3.	Clause 11 (B) of Section-1 (ITC), Page no. 6  Appendix-A, viii (d) of Section-3, Page no. 32  Appendix-O, DETAILED EVALUATION CRITERIA, Page no.	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.  d) 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	We understand that in case the project claimed as an experience by the applicant has been done in the capacity of Lead Member with the associate partner, the Lead Member will be awarded 100% credit of the projects experience.	In case of associate partners, associate partners shall be awarded 25% credit and balance by the lead member.



	148	<p>completed under such association.</p> <p>Note: (i) Weightage to be given when experience by a Firm as Sole Firm/Lead Partner in a JV/ Other Partner in a JV/As Associate</p> <table> <tr> <th>Sl No.</th> <th>Status of the firm in carrying out DPR/ Feasibility Study</th> <th>Weightage for experience</th> </tr> <tr> <td>1</td> <td>Sole firm</td> <td>100 %</td> </tr> <tr> <td>2</td> <td>Lead partner in a JV</td> <td>60%*</td> </tr> <tr> <td>3</td> <td>Other partner in a JV</td> <td>40 %*</td> </tr> <tr> <td>4</td> <td>As Associate</td> <td>25%</td> </tr> </table>	Sl No.	Status of the firm in carrying out DPR/ Feasibility Study	Weightage for experience	1	Sole firm	100 %	2	Lead partner in a JV	60%*	3	Other partner in a JV	40 %*	4	As Associate	25%		
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4.	Clause 3.4 (iv) e of Section-2 (LOI), Page no. 15	All the CVs which are to be evaluated should be complete in all respects. The CVs of the sub-professional staffs complete in all respects including signing and certification by the individual and the firm shall be required to be submitted by the selected bidder during Contract Negotiation and shall be evaluated vis-a-vis the qualifications and experience requirements by the client. It is clarified that the firm's proposal shall be evaluated only on the basis of its experience and key professional staff.	Are we clear in our understanding that CV of sub key personal need not to be submit with technical proposal and those CV will be evaluated during the mobilization of these personals.	As per RFP															
5.	Clause 3.4 (ix) and Clause 6.7 of Section-2 (LOI), Page no. 16	Replacement of key personnel shall be considered only in unavoidable circumstances. In no case more than 3 (three) replacements of key personnel shall be permitted during negotiation and in such cases Consultant and such key personnel shall have to submit affidavit to the effect that during the period of assignment specified in para 8 of Section: 1, the replaced key personnel shall not be professionally employed anywhere in Employer's works. Employer shall not further consider CV of such key personnel directly or indirectly for any of its projects for this period. The reduction in remuneration of such replacement shall be 5% for 1st replacement and 10% for 2nd & 3rd replacements respectively within validity period of bid. In case during negotiations held within validity period of bid, more than three replacements are sought by the H-1 consultant; his proposal shall be considered as Non-Responsive. In such case the combined score of remaining technically qualified firms,	As in particular project, there are 9 key experts hence, it is requested to relax the allowed replacement during negotiation with following penalty. 1 <sup>st</sup> and 2 <sup>nd</sup> replacement: 5% 3 <sup>rd</sup> replacement: 10%	As per RFP															

6.	<p>Clause 3.6 of Section-2 (ITC), Page no. 17 – 18</p> <p>Clause 6.2(a) of SCC, Page no. 119 – 120</p>	<p>No additional items/ quantities other than that specified in the formats should be proposed ..... for the evaluation/award. Consultants shall be paid billing rates for services rendered by the personnel of all categories namely (i) key Personnel; .....to the financial progress of the civil work. Beginning 13th months from the last date of submission of bid, billing rates shall be increased for the remuneration part only @ 5% every 12 months. The provision for enhancement of other rates will be as per Clause No. 6.2 (a) of Special Conditions of Contract (SCC). However, for evaluation and award of the Bid proposals, the quoted initial rate ..... taxes if any.</p> <p>6.2(a) "Payments for remuneration made in accordance with Clause GC 6:2(a) in shall be adjusted as follows : Consultants shall be paid billing rates for services rendered by the personnel of all categories namely (i) key Personnel; ..... progress of the civil work. Beginning 13thmonths from the last date of submission of bid, billing rates shall be increased for all items of contract inter alia including vehicle hire, office rent, consumables, furniture @ 5% per year. However, for evaluation and award of the Bid proposals, the quoted initial rate ..... be subjected to applicable Indian laws withholding taxes if any.</p> <p>Remuneration paid pursuant to the rates set forth in Appendix G shall be adjusted every <del>eighteen</del> (12) months (and, the first time, with effect for the remuneration earned in the 13th calendar month after the last date of submission of bid) by 5% every 12month for personnel.</p>	<p>We understand that billing rates shall be increased to cover all items of contract i.e. remuneration, vehicle hire, office rent, consumables, furniture etc @ 5% every 12 months.</p> <p>Kindly amend the clause as:</p> <p>Remuneration paid pursuant to the rates set forth in Appendix G shall be adjusted every <b>Twelve</b> (12) months (and, the first time, with effect for the remuneration earned in the 13th calendar month after the last date of submission of bid) by 5% every 12month for personnel.</p>	As per RFP
7.	Enclosure-B (Qualification of Key Personnel) of Section-6 (TOR), Page no. 71	<p>SENIOR GEO-TECHNICAL EXPERT</p> <p>(1) Essential Qualifications. (a) Graduate in Civil Engineering/masters in engineering geology or equivalent from a recognized University.</p>	<p>It is requested to amend the requirement as following: (1) Essential Qualifications. (a) Graduate in Civil Engineering/ Degree in Geology/ Geotechnical or equivalent from a recognized University.</p> <p>Accordingly please modify the Appendix-O (Detailed Evaluation Criteria) under this position.</p>	As per RFP
8.	Enclosure-B (Qualification of Key Personnel) of	<p>TUNNEL SAFETY EXPERT</p> <p>(1) Essential Qualifications. (a) Graduate in Civil/ Mining</p>	<p>As this is an International experts working on the position of Tunnel Safety Expert are generally having</p>	As per RFP



	Section-6 (TOR), Page no. 73	Engineering from recognized university.	qualification as Graduate in Geology in view of same we request you to kindly consider Graduate in Civil/ Mining/ Degree Geology as Essential qualification.  Accordingly please modify the Appendix-O (Detailed Evaluation Criteria) under this position.	
9.	Enclosure-B (Qualification of Key Personnel) of Section-6 (TOR), Page no. 73	TUNNEL SAFETY EXPERT (1) Essential Qualifications (b) Total Professional Experience of 20 years.	As mentioned in required qualification criteria of this position is very rare. It is requested to amend the requirement as following: (1) Essential Qualifications (b) Total Professional Experience of 15 years.  Accordingly please modify the Appendix-O (Detailed Evaluation Criteria) under this position.	As per RFP
10.	Enclosure-B (Qualification of Key Personnel) of Section-6 (TOR), Page no. 73-74	SENIOR GEOLOGIST (1) Essential Qualifications. (a) Masters in Geology/ Applied Geology from recognized university.  (2) Preferential Qualifications. (a) He should have handled at least 2 major tunnel projects (Road/ Rail/ Metro/ Hydro) in similar capacity in project preparation/ DPR.	We request for amendment and criteria may be relaxed as follows: (1) Essential Qualifications. (a) Graduate/ Degree in Geology/ Civil from recognized university.  (2) Preferential Qualifications. (a) Masters in Geology/ Applied Geology from recognized university. (b) He should have handled at least 2 major tunnel projects (Road/ Rail/ Metro/ Hydro) in similar capacity in project preparation/ DPR  Accordingly please modify the Appendix-O (Detailed Evaluation Criteria) under this position.	As per RFP
11.	Clause 4.5 (c) of GCC, Page no. 107	Any of the Personnel provided as a replacement under Clauses (a) and (b) above, the rate of remuneration applicable to ..... no reduction in remuneration shall be done. However, for the reason other than death/extreme medical, (i) for total replacement upto 33% of key personnel, remuneration shall be reduced by 20% (ii) for total replacement upto between 33% to 50%, remuneration shall be reduced by 25% and (iii) for total replacement upto between 50% to 66%, remuneration shall be reduced by 30% (iv) For total replacements beyond 66% of the key personnel the client shall initiate action of higher penalty/ termination/ debarment upto 2 years as considered appropriate. However, 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 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 –	Replacement of professionals are bound to happen due to unavoidable circumstances, however the consultant will put its best effort to retain the key experts. In this regard it is requested that existing penalty on replacement is may be amended as follows. (i) for total replacement upto 33% of key personnel, remuneration shall be reduced by 10% (ii) for total replacement upto between 33% to 50%, remuneration shall be reduced by 15% and (iii) for total replacement upto between 50% to 66%, remuneration shall be reduced by 20% (iv) For total replacements beyond 66% of the key personnel the client shall initiate action of higher penalty/ termination/ debarment upto 2 years as considered appropriate. However, 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 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, shall not be counted under the total replaced Key Personnel.	As per RFP

		months, shall not be counted under the total replaced Key Personnel.		
12.	Clause 3.6 of Section-2 (ITC), Page no. 17-18 and Clause 6.2(a) of SCC, Page no. 119	Consultants shall be paid billing rates for services rendered by the personnel of all categories namely (i) key Personnel; (ii) sub-Professional personnel and (iii) Support staff on man-month wise. For calculating billing rates of remaining items of the financial proposal, namely (i) Transportation, (ii) Duty travel to site (iii) Office Rent, (iv) office supplies communication etc (v) reports & document printing and (vi) survey equipment etc. quoted amount of selected consultant will be converted to percentage of civil work cost quoted by civil contractor and payment will be made in proportionate to the financial progress of the civil work. Beginning 13th months from the last date of submission of bid, billing rates shall be increased for the remuneration part only @ 5% every 12 months. The provision for enhancement of other rates will be as per Clause No. 6.2 (a) of Special Conditions of Contract (SCC). However, for..... taxes if any.	<p>The Consultant will incur fixed cost throughout the duration of the project on account of other reimbursable items i.e., (i) Transportation, (ii) Duty travel to site (iii) Office Rent, (iv) office supplies communication etc (v) reports &amp; document printing and (vi) survey equipment etc. irrespective to the progress of Civil Work.</p> <p>Hence linking payment to Consultant under the above mentioned component/ items with Contractor's/ Civil Work progress will impose under risk to the Consultant and can prone hindrance towards smooth functioning of the Consultant's obligations, hence it is requested to remove the clause and pay to the Consultant on actual service provided based on the rates in Financial Proposal.</p>	As per RFP
13.	Appendix-O, DETAILED EVALUATION CRITERIA, Page no. 147	<p>2.1 Firm's Relevant Experience Following is the break-up:</p> <p>Sl. No. III: Experience in construction supervision/ Independent Engineer/ Authority's Engineer of a tunnel project during the last 7 years of minimum length equal to or more than 1.94 km in a single stretch</p> <p>Sl. No. IV: Experience in DPR preparation/ Design/ Feasibility Study of tunnel projects of length equal to or more than 1.94 Km in a single stretch in last 7 years.</p>	<p>We understand that only Highway Tunnel will be considered under the of tunnel project.</p> <p>We also understand that continuous length of single tunnel will only be considered while assigning the length of tunnel under the head of Sl. No. III and IV.</p>	Please refer Corrigendum I
14.		Additional clause to be added	<p>As per NHA1 AE projects this clause may be added.</p> <p>In case of extension of contract and during defect liability period, the Consultant can propose one time replacement of each key personnel without attracting any penalty or reduction in remuneration, subject to approval of the Authority. Qualifications of replacements shall be better or equivalent to the original key personnel. Any further replacement will be governed as per contract provisions.</p>	As per RFP
15.		** Tunnel works of road/rail/metro/hydro tunnel will be considered as applicable for the project for which RFP is invited	Is to highlight that highway tunnels are complex in nature in comparison with hydro tunnels in term of technical, geological challenges and design challenges as hydro tunnel are generally with small diameter in	As per RFP



			comparison with road tunnels. In hydro tunnels ventilation aspects is not required wherein long road tunnels ventilation aspect is mandatory. On account of above it is requested to either remove the hydro tunnel as eligible projects for an assignment or may define minimum diameter of hydro tunnel eligible for the project.	
16.	Section-1, ITC Clause No. 7.1 at page no. 3	The National Highways and Infrastructure Development Corporation Ltd invites Proposals (the "Proposals") through e-tender (on-line bid submission) on CPP portal after creating Team ID at <a href="http://infracon.nic.in">http://infracon.nic.in</a> * A Consultant may submit only "proof of eligibility (Part 1)" and "Technical Proposal (Part II)" for the package. Financial proposal are only to be submitted online and no hard copy of the financial proposal should be submitted.	We would like to bring your kind attention that on the Infracon Portal there is no any provision to add the Tunnel experience related to Rail/Hydro/Metro as Eligible project. Kindly clarify.	You should submit a completion certificate with bid which will be evaluated manually by the Committee.
17.	Section-1, ITC Clause No. 11.A) at page no. 5	Preparation of DPR (NH/SH/Equivalent)  Project Supervision/IC(NH/SH/Equivalent)	As per our understanding the DPR/Design/Feasibility Study of Tunnel for Road/Rail/metro/Hydro will be consider as applicable for the project.  It is requested to amend the clause as DPR/Design/Feasibility Study (NH/SH/Equivalent)	As per RFP
18.	Section – 3, Appendix A, Clause No. viii, at Page No. 22	Experience in DPR/ Feasibility Study of Tunnel projects for the PPP and non-PPP projects during the last 7 years. ***	It is requested to amend the clause as "Experience in DPR/Design/Feasibility Study of Tunnel Project for the PPP and Non-PPP Project during the last 7 Years.	As per RFP
19.	Section- 5, Appendix-C1, at page No. 49-50	Financial Proposal Submission Form	We would like to bring your kind attention that Financial Proposal will submit online only on eprocure.gov.in but there is no any provision to submit the Appendix C-1 along with our online financial proposal. Kindly clarify.	Financial proposal shall be submit online and signed Appendix C-1 should also be uploaded <sup>with</sup> quoting bid amount.
20.	Appendix-O Detailed Evaluation Criteria at Page No. 149	Team Leader cum Senior Tunnel Engineer, Tunnel Design Engineer, Sr. Geo-Technical Expert, Tunnel Safety Expert, having experience in developed countries & Middle East Countries.	We would like to bring your kind attention that for the Engineering Procurement and Construction (EPC) bid you have considered single or twin tube tunnel/tunnel(s) for Road/Railway/Metro/Irrigation/Hydro Power Projects etc. without any discrimination of countries i.e. projects executed in India is also allowed. Similarly, for key positions, we request you to allow professional having experience of similar work in India.  As lots of tunnels of various diameter/length for hydro power project has been executed in similar geology condition & location i.e. Himalayan Region using NATM technology in India.	As per RFP

			So we further request you to kindly consider Key Personnel experiences in India also as eligible.	
21.		<b>Bid Submission</b>	<p>Bid required numbers of highly experienced/specialized International/National key professionals which is quite comprehensive task.</p> <p>Keeping in view of the above you are kindly requested to extend the bid submission date at least for four weeks.</p>	As per RFP



(Y C Srivastava)  
General Manager