

National Highways & Infrastructure Development Corporation Limited

Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities in respect of the following stretches on NH-244 (old NH-1B) in the State of Jammu & Kashmir

(i) Sudhmahadev- Dranga Tunnel of approx. length 4.5 Km and its approach roads on Chenani - Sudhmahadev – Goha road portion.

(ii) Vailoo Tunnel of approx. length 10.00 Km under Sinthan Pass and its approach roads on Goha- Khellani- Khanabal road portion.

REPLY TO PRE-BID QUERIES

Sr. No	Clause	Description	Suggestion / Query	Reply
1	TOR Clause General Sub-Clause 1.1 (pg. No 31)	Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities in respect of the following stretches on NH-244 (old NH-1B) in the state of Jammu & Kashmir. (i) Sudhmahadev- Dranga Tunnel of approx. length 4.5 Km and its approaches on Chenani-Sudhmahadev- Goha road portion (ii) Vailoo Tunnel of approx length 10.00 Km under Sinthan and its approach roads on Goha- Khellani- Khanabal road portion	There are two road tunnels for the study. Both the stretches shall be treated as Two Separate Projects or All Reports & Drawings will be submitted as One Project? Please clarify.	It is to inform that though there are two tunnels for DPR study packaged into one project, the consultant is required to submit separate report for each tunnel i.e. separate executive summary, cost estimates and other reports as detailed in RFP.
2	General	General query from Consultant	Kindly inform about any security issues/cover for national and international team in the field.	The Authority shall endeavor to address the security issues with the help of State Government.
3	TOR Clause 1. General Sub-Clause 3.6 (pg. No 32)	Wherever required, consultant will liaise with concerned authorities and arrange all clarifications. Consultant will also obtain final approval..... Consultant is also required to prepare..... all Land Acquisition papers..... for acquisition of land either under NH Act or State Act.	It is understood that the Consultant will obtain approval for estimates for shifting utilities of all types and also required to prepare land acquisition papers. It is suggested that the Consultant be asked to prepare and submit the documents only, as the clearances particularly from Ministry of Environment and Forest delays the DPR finalization. Please review.	As per RFP. However, it is clarified that the consultant shall assist NHIDCL in obtaining the statutory clearance, by drafting the proposals for the same including utility shifting estimates in liaison with concerned authority till the requisite clearance are obtained. The consultant are required to prepare the L.A paper based on the approved final alignment and submit Draft 3a,3A and 3D, 3G notification or equivalent as per relevant LA Act i.e. under NH Act or State Act.
4	TOR Clause 3. Scope of services, Sub-Clause 3A.2 (iv) (pg. No 35)	Preparation of indicative BOQ based on basic design and rough Cost Estimates	Preparation of BOQ based on basic design and rough cost estimate at FSR stage or DPR Stage too? Please clarify.	The requirement mentioned in this clause pertains to the Feasibility Study Report stage. At the time of DPR stage detailed BOQ based as detailed design and deliverables are to be furnished as mentioned at Clause 10.4 STAGE 4. The Consultant is required to

(Signature)
12.05.2017

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				submit all the reports and documents at various stages as mentioned in the TOR.
5	TOR Clause 4, Scope of services, Sub-Clause 4.11.4 .4 PART-1 sub-clause (pg no 59)	Geo-technical Investigations and Sub-Soil Exploration (1) The Consultants shall carry out geo-technical investigations and sub-surface explorations for the proposed Bridges / Road over bridges/ tunnels/ viaducts/ interchanges etc.	Indicative quantities of geotechnical investigation may be provided for the equal comparison among all consultants.	As per RFP.
6	Clause 3A. PART-2; 12 Note 1(c) (pg. no. 37)	Water percolation tests to be conducted in the hole at ground level, at every strata at three different pressures as per relevant IS Codes.	Please clarify about the 6m interval.	Please refer to IRC SP: 91:2010 (Clause 3.3.3.3 (5)).
7	Clause 4.9.1 pg. no. 43-44	The type of traffic surveys and the minimum number of survey stations shall normally be as under, unless otherwise specifically mentioned.	Kindly clarify if the table showing estimated quantity of traffic surveys includes both the stretches of the project?	Please refer to Amendment no. 5.
8	Clause 4.11.2 (6), (i) pg. no. 50	Topographic Surveys along the Existing Right of Way (ROW): Carrying out topographic survey using LiDAR or equivalent technology at safe places within the ROW	Is LIDAR survey Mandatory?	As per RFP.
9	Clause 8(4) (pg.no. 74)	The Consultants shall establish an office at the project site for carrying out part of the office work elsewhere for which prior approval of NHIDCL shall be obtained,	The Consultant shall establish an office at the project site. As team members have to work at project site intermittently, They will stay at different places so site office will not be required. Please Review	As per RFP.
10	Clause 8(5) (pg.no. 74)	The Consultant shall maintain an Attendance Register to be signed by each individual key personnel at site as well as at Head Office.	Please Review in view of our suggestion at S. No. 9 above.	As per RFP.



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11	Clause 7.1 pg.no. 74	DPR shall be completed in time period as stipulated in clause 7.1 of TOR excluding the time taken by the Authority in providing its comments on the Draft DPR.	Please mention maximum time for authority to comment and also exclude the time taken for various approvals from outside agencies.	As per RFP.
12	TOR Enclosure-II Manning Schedule (pg No. 99)	Manning Schedule	There will be requirement of Senior Structural Engineer and Senior Social Expert. Kindly reconsider the number of positions.	As per Amendment no.5. The Consultant is required to engage any additional personnel, if so required, at own cost.
13	TOR Enclosure-II Manning Schedule SI No. 1 (pg No. 100)	Manning Schedule : Team Leader Cum Senior Tunnel Engineer	Team Leader should have experience of Tunnel DPR Projects in Developed/ DEVELOPING Countries. Secondly, length of experience should be 15 years, in total and 10 years in relevant field. Same as of Tunnel Design Expert.	As per RFP.
14	TOR Enclosure-II Manning Schedule SI No 3 and 9 (pg No. 102,108)	Manning Schedule: Senior Geologist, experience of 20 years with a PhD and Quantity Surveyor/Documentation Expert of 15 years experience.	We request you to review the number of years of experience for these two positions as 10 years should be sufficient with a rich project experience. For Geologist, 5 marks for PhD may limit the choice of a good experienced professional.	As per Amendment no. 5. (Annexure-A & C).
15	TOR Enclosure-II Manning Schedule, SI No 5 (pg No 104)	Manning Schedule: Senior Survey Engineer with postgraduate qualification	Kindly review the postgraduate qualification may be removed as it limits the choices of personnel.	As per Amendment no.5 (Annexure-A & C).
16	TOR Enclosure-II Manning Schedule, SI No 7 (pg No. 107)	Manning Schedule : Material- cum- Geotechnical Expert	The eligible assignment sought for the position is 80km of highway design with an MSc and PhD in Geology. We would request to make it PhD in Geotech instead of Geology and since the focus of the project is tunnel, the highway experience may be removed and tunnel experience may add.	As per Amendment no.5 (Annexure-A & C).



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17	General Conditions of Contract Clause 6.3(b) Payment Schedule (pg. No. 180 & 181)	Payment Schedule proposals within 1 month of alignment finalization	While we appreciate the bonus component as motivating factor but shouldn't be included in Financial Evaluation	Query not clear. Please refer to Amendment no. 5.
18	SUPPLEMEN T 1 (12) pg.no. 88	ADDITIONAL POINTS TO BE CONSIDERED FOR HILL ROADS IN ADDITION TO POINTS COVERED IN MAIN TOR	You are requested to kindly define minimum quantities of various studies/investigations to be conducted in this project. It will bring all bidders at par from evaluation perspective. 1.Topographical Survey 2.Geological Mapping — 3.Geophysical studies — types 4.Drilling at portal locations 5.Rock Stresses test 6.Permanent Control Point Pillars 7.Staking of alignment — no. of pillars	As per RFP.
19	General	General	You are requested to kindly consider scanned signatures of foreign experts residing outside India	Though the firm is required to sign the print of CVs as uploaded on the INFRACON Portal, the key professional's signature on CV are not required. However, in the hard copy, the undertaking given by the key professional may be submitted with the scanned signature.
20	General	General	To Submit a quality proposal, we request for extension of time for at least 3 weeks from the date of clarifications of this pre-bid meeting.	As per Amendment no 5.



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21	Page 22 Point 3 of Data Sheet	Period of Completion: 8 months for Detailed Design	The RFP is silent on the situation, if there is delay in the design period (including Design and Tender preparation), for reasons not Attributed to Consultant, then how will the consultant be compensated for its manpower involved in design and Tendering. At times there is delay on part of owner (i) In clearing inception report (ii) Conclude tendering process	The Authority shall endeavor to adhere to the timelines mentioned in the RFP.
22	Page 10, Cl. 3.2.3 (ix)	In case the consultant envisages outsourcing any or all of the above services to the expert agencies, the details of the same indicating the arrangement made with the agencies need to be furnished. These agencies would however, be subject to approval of the client to ensure quality input by such agencies during technical negotiation before award of the work. For out-sourced services, proposed firms/consultants should have	Since the outsourced service for material testing will be from reputed standard labs, the deduction of points for outsourcing testing services (Cl. 12.3 C of data sheet on page 27) should not be done.	As per RFP.
23	Page 15 Cl.5.3.1 Page 22 Clause 7 (i) Of Data Sheet	For financial evaluation, total cost of financial proposal excluding Service Tax shall be considered. Service Tax shall be payable extra. The Consultants and their personnel shall pay all taxes (including service tax), custom duties, fees, levies and other impositions levied under the laws prevailing seven days before the last date of submission of the bids.	The two requirements are contradictory. The Consultants and their personnel shall pay all taxes (excluding service tax), custom duties, fees, levies and other impositions levied under the laws prevailing seven days before the last date of submission of the bids. Service Tax is normally paid by the Owner	Service Tax shall be reimbursed by the client on the production of proof of deposition of the same by the consultant.



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24	Page 24 Table 1 (ii)	In case of JV, the Lead Partner should fulfill at least 75% of all eligibility requirements and the other partner shall fulfil at least 50% of all eligibility requirements in respect of 'A' and any of the JV partner should satisfy the eligibility requirement under 'B'	In case of JV, the Lead Partner should fulfill at least 75% of all eligibility requirements and the other partner shall fulfil at least 25% of all eligibility requirements in respect of 'A'. However If Lead Partner fulfils 100% of eligibility in respect of 'A', then other partner need not fulfil any fraction of 'A'. Any of the JV partner should satisfy the eligibility requirement under 'B'. The Tunnel work and Highway works are generally handled by separate consultant companies and they most of the time do not have experience in other field. JV of Tunnel Consultant and Highway consultant shall be formed and their respective role in JV should be independent of other's field.	As per RFP.
25	Page 144,1 Cl. 1.2 (b)	The minimum length of eligible project (4/6 lane) shows required experience of both partners. This is contradictory to condition stated in Page 24 Table 1 (ii) which says that any of the JV partner should satisfy the eligibility requirement under 'B'	The table need to be revised	As per RFP.
26	Page 13, Cl 3.3.3 and Page 48 Data Sheet, Currency	Costs shall be expressed in Indian Rupees in case of domestic as well as for foreign Consultant.	The currency shall be INR + One internationally stable currency (USD or Euro or CHF). The expat rates and activities related to foreign countries can be quoted in foreign currency. The international companies when deploy their manpower and other resources are not willing to bear risks of currency fluctuation.	As per RFP.
27	Page 17 Clause 1.6	(1) for total replacement upto 33% of key personnel, remuneration shall be reduced by 5% (ii) for total replacement between 33% to 50%, remuneration shall be reduced by 10% (iii) for total	If the key personnel are replaced by the consultant after initial deployment for the reasons other than permanent long term disability or death then, only after due approval of NHIDCL, Consultant shall have to provide another personnel with similar	As per RFP.

B. A. D.

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		replacement beyond 50% and 66% remuneration shall be reduced by 15% (iv) for total replacement beyond 66% of the total key personnel, the Client may initiate action for debarment of such Consultant for future projects of NHIDCL for a period of 6 months to 24 months.	or more qualification and Experience. This replacement clause at times puts the consultant company in a very difficult situation. At times the concerned staff try to take undue monetary advantage from Consultant Company owing to this replacement clause.	
28	Page 18 Cl. 7 Performance Security	The Bank Guarantee will be released by NHIDCL upon expiry of 3 years beyond the date of completion of services, or end of civil works contract, whichever earlier, provided rectification of errors if any, found during implementation of the contract for civil work and satisfactory report by NHIDCL in this regard is issued.	The Bank Guarantee will be released by NHIDCL upon expiry of 6 months beyond the date of completion of services, or end of civil works contract, whichever earlier, provided rectification of errors if any, found during implementation of the contract for civil work and satisfactory report by NHIDCL in this regard is issued. 10% of contract amount is substantial amount for Consultant and to withhold it for three years levy heavy burden on consultant.	As per RFP.
29	Page 32, Cl. 3.6	Consultant will also obtain final approval from Ministry of Environment and Forest for all applicable clearances. Consultant will also obtain approval for estimates for shifting of utilities of all types from the concerned authorities and competent authority within MoRTH and its implementation agencies, as applicable. Consultant is also required to prepare all Land Acquisition papers (i.e. all necessary schedule and draft 3a, 3A, and 3D, 3G notification as per L.A. act) for acquisition of land either under NH Act or State Act.	The Consultant shall assist in getting approval from agencies and in preparation of land acquisition papers. Only the technical support from consultant should be solicited and getting approvals should not be in scope of consultant.	Please refer to reply at S no.3.

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30	Page 36 Points 10 and 11	Vertical and inclined drill holes	Time period for investigations too low. It need to be increased Please clarify that holes so proposed (4 Vertical + 4 inclined) are for each tunnel or total for both tunnels It is virtually not possible to have so much of drilling (2000 m in hard rock and 300 m in all type of soil in heavily snowed and highly rugged terrain of proposed site in limited time span of 8 months.	Please refer to Amendment no. 5.
31	Page 132 Bottom Note	Each page of the CV shall be signed in ink by both the staff member and the Authorized Representative of the firm	In case of expat the scanned signature of personnel are acceptable Expats at time of bid preparation may be away to remote sites in other countries and it is not possible to get their signature. The countersigning of Authorized signatory of consultant should be acceptable.	Please refer reply to Sl. No 19.
32	General	Bid Due Date	Kindly extend the Bid Due Date by 2 weeks after clarification to the pre- bid. This will give sufficient time to bidders to prepare their offers.	Please refer to Amendment no 5.
33	IX (B) of Financial Format, Page 140 and Form-V of Financial Format, Page 142	Sub-Soil Investigation (Boring) Boring in all type of soils (other than hard rock — Qty. 300m) Boring in hard rock — Qty. 2000m Form-V In Soils other than hard rock — Qty. 2000m In hard rock — Qty. 300m	Since, the quantity given in both the forms are not same, you are requested to kindly indicate the correct no. of quantity for a) Soils other than hard rock; and b) for hard rock.	Form V has been deleted. Please refer to Amendment no. 5.
34	Page No. 36 of the RFP, Point No. 5 Part 1 3A2(ii)	Seismic Coefficient Determination of seismic coefficient for safe design of structures	Please share the seismic zone and micro-zoning detail of proposed alignment for better understanding.	The Consultant is required to adopt the seismic coefficient depending upon the seismic zone in which the structure is located.
35	Page No. 34 of the RFP, Point	Scope of Services	Please elaborate on the provisions of escape tunnel and cross passages if any.	As per IRC:SP:91: 2010.

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	No. 3A2			
36	Page No. 5 & 31 of the RFP	Annexure 1 The RFP mentions of an enclosed Annexure 1.	The same is missing in the RFP and may please be provided.	Please refer page no. 20 of RFP.
37	Table 1: Minimum eligibility requirements on Page 24 of the RFP	Eligibility and Evaluation The experience of a firm in preparation of DPR for a private concessionaire/ contractor shall not be considered	The Consultants would like to mention that there are renowned tunnel works done in the country but have been on Design & Build contracts for private concessionaires and contractors specially in case of Delhi Metro, Since, tunnel works are highly specialized services; you may please consider the projects such tunnel projects done for metros with private concessionaires and contractors. This may please be considered.	As per RFP.
38	Appendix-V, Clause 2.4.1, Page 148 - 157 & TOR, Enclosure II, Page No. 100 -108	Qualification of Key Staff Qualification and Competence of the Key Staff for adequacy of the Assignment & Qualification and Experience Requirement of Key Personnel	There is a huge discrepancy in experience requirement between "Appendix V - Qualification and Competence of the Key Staff for adequacy of the Assignment" & Enclosure II, - Qualification and Experience Requirement of Key Personnel. The Consultants understand that Appendix EC - Evaluation Criteria for assessment of Key Staff for the Assignment" will be considered for evaluation. This may please be confirmed.	Please refer to Amendment no. 5. (Annexure-A & C).
39	Appendix-V, Clause 2.4.1, page number 148	Team Leader cum Senior Tunnel Engineer (b) (ii) Experience in DPR Preparation of min 3 or more projects 5	The Consultant would like to submit that Tunnel having aggregate length of 7.5 km in 3 projects should also be considered and shall score full marks. This may please be considered.	As per Amendment no 5. (Annexure-A & C).

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40	Appendix-V, Clause 2.4.1, page number 148	Team Leader cum Senior Tunnel Engineer (c) (i) In Feasibility or DPR/IC/ Construction Supervision of major Tunnel (1.5 km) (Road/Rail/Metro) projects in Similar Capacity =2 projects 7 = 3 to 5 projects 8 > 5 or more 9	The Consultant would like to submit that Tunnel having aggregate length of 9 km in 6 projects should also be considered and shall score full marks. This may please be considered.	As per Amendment no 5(Annexure-A & C).
41	Appendix-V, Clause 2.4.2, page number 149	Tunnel Design Expert (b) (ii) Experience in DPR preparation and design of Tunnels of minimum 3 km length <4 projects 0 4 or more projects 5	The Consultant would like to submit that design of Tunnels having length of minimum 5 km is on very higher side. Hence, the Consultants request to kindly consider aggregate length of 6 km in 4 projects, as 1.5 km length of Tunnel is considered as Major Tunnel. This may please be considered.	As per Amendment no.5 (Annexure-A & C).
42	Appendix-V, Clause 2.4.1, page number 148	Team Leader cum Senior Tunnel Engineer (c) (ii) Cost of the major Tunnel Projects <Rs 10000 million 0 10000 to 15000 million 15000 to 20000 million >20000 million 19	The Consultant would like to submit that evaluations on length wise of major Tunnels (1.5 km) is given as c) Therefore, the Consultants request to the Client that evaluations as per c) should only be based on the Cost for tunnel projects rather than length of the Tunnel. The Consultants request to amend the criteria as: (c) (ii) Cost of the Tunnel Projects <Rs 10000 million 0 10000 to 15000 million 14 15000 to 20000 million 16.5 >20000 million 19 This may please be confirmed.	As per Amendment no. 5. (Annexure-A & C).



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43	Appendix-V, Clause 2.4.1 to 2.4.4, page number 148-152	Developed Countries Developed Countries experience is required for the following positions- Team Leader Cum Senior Tunnel Engineer Tunnel Design Expert Senior Geologist Senior E& M Expert	The Consultant understands that Countries mentioned as "Annexure A", (Attached with this queries) will be considered for the same.	Please refer to Annexure-D.
44	Clause 6.3(d) of GCC, Page 181	Payment It is stated that the Client shall cause the payment of the Consultants in Para 6.4(b) as given in schedule of payment.	Since, the referred Clause 6.4(b) does not exist, it is felt that the stated Clause no. Clause 6.4(b) should be read as 6.3(b). You are requested to modify this Clause.	Please refer to Amendment No. 5.
45	Clause 2.3 of SCC, Page 187	Commencement of Services It is stated that the Consultant shall commence the services within 15 days from the Effective date of the Contract.	Time period of 15 days to commence the services from the date of effective date of the Contract is inadequate for mobilization of staff on the project, as the Consultants need more time to mobilize their staff. You may kindly provide at least 3 weeks to the Consultant to commence their services from the signing of the Contract.	As per RFP.
46	Clause 6.3(a) of SCC, Page 189	Advance Payment As per Clause 6.3 (a) of SCC, no advance payment shall be made to the Consultants.	In this regard, the Consultant needs funds to mobilize their staff and maintain cash flow. Hence, the Client is requested to kindly provide interest free advance payment @ 10% of the Contract amount and the same can be set off by the Client in equal portions against the payment schedule.	As per RFP.
47	Clause 9.2.4 of SCC, Page 190	Qualifications of Arbitrators In the Clause No. 9.2.4 of SCC, there is a reference of Clause 8.2.1 (a) through (c).	Since, the referred Clause 8.2.1 (a) through (c) does not exist, it is felt that the stated Clause no. Clause 8.2.1 (a) through (c) should be read as 9.2.1 (a) through (c). You are requested to modify this Clause.	As per Amendment no. 5.



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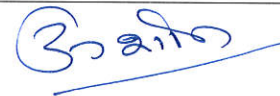
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48	Clause 6.6 of LOI, Page 17 and Clause 4.5.2 of GCC, page 176-177	Removal and / or Replacement of Personnel It is stated that the replacement of Key Personnel shall be considered only in unavoidable circumstances. Any normal replacement by the Consultant (i) upto 33%, the remuneration shall be reduced by 5% (ii) upto between 33% to 50%, the remuneration shall be reduced by 10% and (iii) upto between 50% to 66%, the remuneration shall be reduced by 15% (iv) for total replacements beyond 66% the Client may initiate action for debarment of such Consultant for future projects of NHIDCL for a period of 6 months to 24 months. If	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, in such cases, which is beyond their control, is unfair. Instead, the Client may consider debarment of the concerned nominated member of the team for certain period who has given the consent and does not complete his input on the assignment. Hence, it is requested that these paras 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.	As per RFP.
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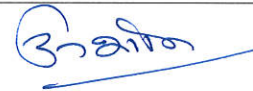
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49	Clause 7 of LOI - Performance Security, Page 18 Clause 7.2 of GCC Retention Money, Page 182 Clause 7.3 of GCC — Penalty, Page 183 Clause 7.4 of GCC – Action for Deficiency in Services, Page 184	Retention and Penalty The Client has asked the Consultants to provide all the above instruments with the sole purpose to guard the Client's interest against deficiency / non performance of services,	In this case, it is submitted that, in most of the cases, the firms are reputed and are sincere in their desire to carry out their part of the work as knowledge partners with the Client. The demand for all the above instruments vitiates this atmosphere as it tends to introduce an element of total distrust and adds considerable cost to the Consultants, but indirectly to the project. It is, therefore, suggested that the client may consider modifying the REP to seek from Consultants only one instrument which should fully guard the interest of the Client.	As per RFP.
50	Additional Point	Extension of date	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 preparation of the proposal from the date of issue of clarifications so that our experts can prepare a comprehensive proposal addressing all issues of the REP document / ToR.	As per Amendment no. 5.
51	Clause 3 page no. 22	Duration of the Project: 8 Months	The duration of the project is very less for Detailed Project Report to be made. We understand that the 'effective' time for completing this study would be only 6 months due to bad weather & difficult terrain. Therefore, the total project study duration should be increased from 8 months to at least 12 months.	As per RFP.



National Highways & Infrastructure Development Corporation Limited

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REPLY TO PRE-BID QUERIES

52	Table-1 page no. 24	Minimum Eligibility Requirements (i) & (ii)	<p>It is mentioned below Table-1 that A sole bidder should fulfil all the requirements given in table -1 In case of JV, the Lead Partner should fulfill at least 75% of all eligibility requirements and the other partner shall fulfil at least 50% of all eligibility requirements in respect of 'A' and any of the JV partner should satisfy the eligibility requirement under 'B'</p> <p>It may be noted that mostly Tunnel Engineering companies do not have very great references for road project. Similarly, many firms having good experience in roads projects do not have experience in designing tunnel projects, especially when it comes to a length of more than 5 kms. Considering the above criteria, a tunnel any tunnel engineering company willing to participate in the competition will have to form a JV with a company having rich experience in road design projects. We suggest that the lead partner should fulfil the criteria of (A) i.e. of tunnel and the JV partner should qualify for Road projects i.e (B). Both the JV partners collectively should qualify for A & B together. This will help the client in getting good competition, resulting in a strong JV firm who can deliver in time.</p>	As per RFP.
53	Clause 2.10 page no. 7	Bid Security	Request to kindly allow the EMD in the form of Demand Draft/ Bank Fixed Deposit, also	Please refer to Amendment No.5.
54	Clause 12.3 c (4) page no. 27	Experience in Lidar	In table C experience in Lidar or equivalent technology for topographic survey has 4 marks assigned to it – since this is a tunnel engineering project, Lidar technique may not be required, therefore the marks assigned to the same should be removed and adjusted to the tunnel engineering	As per RFP.



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REPLY TO PRE-BID QUERIES

			experience of similar nature (preparation of DPR) in India.	
55	Clause 12.3 page no. 28	Employment with the Firms	Generally consultants (personnel) with specialization for tunnel projects move with good projects and do not stick to one company, therefore the maximum points (10) should be reduced to '5'.	As per RFP.
56	Clause 3.4 page no. 32	Scope of Services (Good for Construction Drawings)	We understand that this clause has been wrongly mentioned as the DPR does not envisaged for 'good for construction drawings – therefore request to kindly delete this clause (requirement)	As per Amendment no.5.
57	Clause 3.6 page no. 32	Approval from Various Ministries	We request that consultant's role should be reduced to technical support to the NHIDCL however, the final responsibilities of getting approval should remain with NHIDCL	As per RFP.
58	Clause 3.7 page no. 32	Bid Document	We understand the DPR consultants will be preparing the Bid Document "may be" is quite a discretionary item	The requirement mentioned in this clause pertains to feasibility stage which may be required to expedite the bidding process for civil construction work due to exigency of project for execution if desired by NHIDCL.
59	Clause 3.9 page no. 33	Scope of Services	We understand that consultant will prepare either EPC or BOT contracts - kindly clarify.	As per RFP.
60	Page no. 36	Drilling 4 vertical holes to the extend 400m Drilling 4 inclined holes 400m	Pls indicate the exact nos. of boreholes and its depths. Further pls clarify the 8 nos. of boreholes are required for one tunnels or for both tunnels.	As per Amendment no 5.
61	Enclosure II Page no. 100	Qualification and experience for Team Leader and Sr. Tunnel Expert	Under Education qualification it is mentioned that the Team Leader cum Sr. Tunnel Expert should have essential qualification as Graduate in Civil Engineering /Tunnel Engineering/Mining Engineering/ Related Field – We request you to consider the, Geological	Please refer to Amendment no.5 (Annexure- A & C).



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REPLY TO PRE-BID QUERIES

			Engineering, instead of related field which is more relevant. You will appreciate that in Europe Geological Engineers are considered and recognized as Tunnel Expert	
62	Enclosure II page no. 101	Qualification and experience for Tunnel Design Expert	We request to kindly consider degree in civil engineering or Geo-tech / Geological Engineering	Please refer to Amendment no 5 (Annexure- A & C).
63	Enclosure II Page no. 107	Qualification and experience for Material cum Geotech Engineer	Kindly consider minimum 8 years of Highway / Tunnel projects in Design and / or construction. Experience on tunnel projects shall be preferred. Experience in similar capacity : Material cum Geotechnical Engineer on Highway (2/4/6 lane) projects of NH/SH/Expressway) of minimum aggregate length of 80 Km. As this is being tunnel specific project – we request you to consider the following : Experience in similar capacity : Material cum Geotechnical Engineer on Highway (2/4/6 lane) projects of NH/SH/Expressway) of minimum aggregate length of 80 Km./ experience in Tunnel projects of minimum 8km long tunnel	Please refer to Amendment no 5 (Annexure-A & C).
64	6.3(b) Page no. 180-181	Payment Schedule	As this RFP is meant for 2 Tunnels – kindly confirm how the payment will be spilt in two tunnels ? The payment terms proposed in the RFP is not relative of tunnel projects rather is of highway projects. It may noted that major expenses like geotechnical investing , procuring the satellite images and geological mapping is procured before the submission of draft feasibility report which itself is 70% of the total cost , therefore we request you to	As per Amendment no. 5. (Annexure-B).



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REPLY TO PRE-BID QUERIES

			kindly modify the payment schedule as under which is more prevalent in other tunnel projects carried but by various govt. agencies.																																					
			<table border="1"><thead><tr><th>Sr. No.</th><th>Subject</th><th>%age of payment</th></tr></thead><tbody><tr><td>1</td><td>Mobilization Advance</td><td>10%</td></tr><tr><td>2</td><td>Specification of site investigation program</td><td>5%</td></tr><tr><td>3</td><td>Submission of lab and field test data e.g chemical analysis of water sample, geological surface mapping results</td><td>10%</td></tr><tr><td>4</td><td>Submission of Draft Geological & Geotechnical Factual Report (GFR)</td><td>5%</td></tr><tr><td>5</td><td>Submission of Final Geological & Geotechnical Factual Report (GFR)</td><td>5%</td></tr><tr><td>6</td><td>Submission of Draft Geological & Geotechnical interpretative report (GIR)</td><td>10%</td></tr><tr><td>7</td><td>Submission of Final Geological & Geotechnical interpretative report (GIR)</td><td>5%</td></tr><tr><td>8</td><td>Submission of Satellite images</td><td>5%</td></tr><tr><td>9</td><td>Submission of topographical maps</td><td>5%</td></tr><tr><td>10</td><td>Submission of Draft Alternative Alignment routes for the tunnel</td><td>5%</td></tr><tr><td>11</td><td>Submission of drawings for</td><td>5%</td></tr></tbody></table>	Sr. No.	Subject	%age of payment	1	Mobilization Advance	10%	2	Specification of site investigation program	5%	3	Submission of lab and field test data e.g chemical analysis of water sample, geological surface mapping results	10%	4	Submission of Draft Geological & Geotechnical Factual Report (GFR)	5%	5	Submission of Final Geological & Geotechnical Factual Report (GFR)	5%	6	Submission of Draft Geological & Geotechnical interpretative report (GIR)	10%	7	Submission of Final Geological & Geotechnical interpretative report (GIR)	5%	8	Submission of Satellite images	5%	9	Submission of topographical maps	5%	10	Submission of Draft Alternative Alignment routes for the tunnel	5%	11	Submission of drawings for	5%	
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REPLY TO PRE-BID QUERIES

			support classes, Portal slopes and tunnel cross section design		
			12 Submission of final Alternative Alignment Routes for the tunnels	5%	
			13 Submission of Draft Feasibility study & Detailed Project Report	10%	
			14 Submission of final Feasibility study & Detailed Project Report, incorporating the observations of the client	15%	
			15 Completion of services including Assistance during next bid process	10%	
65	General		As this is an international competitive bidding, the foreign companies interested to bid in the said tender are permitted to participate in the bid through their 100% owned subsidiary company in India, however, parent company shall furnish an undertaking to support technically and financially its 100% owned subsidiary company for the said assignment. This practice is prevalent in other Government agencies also. Request you to incorporate this in RFP document.		As per amendment no. 5.



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REPLY TO PRE-BID QUERIES

66	3.4 / scope of service /TOR & 3B.4 Highways	All ready to implement 'good for construction' drawings shall be prepared.	You will agree that Project scope involves FS , DPR and pre construction activities, while GFC 'good for construction' drawings are generally part of Construction stage where consultant get drawings approved from authority and provide to contractor for construction. So we would request you to delete this clause from scope of work.	Please refer to Amendment no 5.
67	Enclosure-II/Qualification and Experience Requirement of Key Personnel	Team Leader cum Senior Tunnel Expert Experience in Tunnel projects: 15 (Fifteen) years in planning, project preparation and design of Tunnel (Road /Rail/Metro) projects. He should have led the DPR preparation teams for atleast three projects of atleast 2.5 km or more length of which one eligible project should be in developed country.	Please define "developed country."	As per enclosed Annexure-D.
68	6.6/Negotiations/LOI	The Client will not consider substitutions during contract negotiations except in cases of incapacity of key personnel for reasons of health. Similarly, after award of contract the Client expects all of the proposed key personnel to be available during implementation of the contract. The client will not consider substitutions during contract negotiations/ contract implementation except under exceptional circumstances. For the reason other than death/ extreme medical ground, where	It is normal practice of NHAI/Ministry of Road to allow atleast 2 replacement at the time of Negotiations, so would request to relax this criteria and allow atleast 2 replacement during contract negotiations.	As per RFP.



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REPLY TO PRE-BID QUERIES

		replacement is proposed by the Consultant due to non availability of the originally proposed key personnel or in cases where replacement has become necessary as a key personnel proposed by the Consultant has been found to be unsuitable for the project by NHIDCL during contract negotiations / contract implementation.		
69	Table-1: Minimum Eligibility Requirements/ Page 24 Note 2	In case of JV, the Lead Partner should fulfill at least 75% of all eligibility requirements and the other partner shall fulfil at least 50% of all eligibility requirements in respect of 'A' and any of the JV partner should satisfy the eligibility requirement under 'B'	In order to support competitive bidding and allowing road specialized consultants to form JV with global tunnel consultants specialized in NATM technology , we would request you to allow lead partner of JV to meet 100% of criteria A and other partner to meet criteria B as stated in qualification	As per RFP.
70	NIT/Page 4	Bid submission End Date (online & physical Copy)-24.04.2017 (1700 hrs)	Would request to extend the bid submission deadline by 3 weeks.	Please refer to Amendment No.5.
71	Point 10 / page 36	Drilling four (04) vertical holes (core drilling) one at each portal sites & at approximately one third and two third distances between portal measured along the proposed tunnel alignment from any portal end down to the tunnel grade (preferably at or near the junction of different lithological strata) which may involved diamond drilling using NX-Bits to the extent of 400 metres for an individual hole. Additional holes if required in this area shall be undertaken by BX- Bits, if unavoidable, will be resorted to only with prior approval of the department.	There are two tunnels at two different locations, 1. (Chenani-Sudhmahadev- 4.5km), 2. Sinthan Pass 10 km. Do we conduct the core drilling at both the locations as per the RFP that is 8 drill holes of 400m length at each tunnel? Total would be 3200+3200=6400m of core drilling. Actually it should be as per the IS codes taking into consideration the rock types, contacts, height of cover on tunnel alignment, any structural features like faults and shear	Please refer to Amendment no. 5.

3/2/17

National Highways & Infrastructure Development Corporation Limited

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REPLY TO PRE-BID QUERIES

71	Clause f , page 34	The satellite imagery shall be acquired for an area of not less than 66 Square Kilometers, covering the entire route corridor. Results of the satellite image acquisition and consequent geospatial processing shall be presented in the form of high resolution photographs (size A3), topographical maps (Scale 1: 10000, 5 m contour interval for overall route corridor, and scale 1:5000, 2 m contour interval for the portal sites).	Please clarify , whether area to be covered by high resolution satellite image is 66 sq km or 282 sq km as mentioned at two different places in RFP	Please refer to Amendment no 5																		
72	3B/Page 38	Scope of Services-Highways	Is road improvement work between Chenani and Sudhmahadev included in the project.	No.																		
73	6.3 b/Payment schedule/page 180	Payment schedule - schedule for payment of consultant stage wise	<p>Would request to accept following changes in payment :</p> <table border="1" data-bbox="920 970 1469 1377"> <thead> <tr> <th>S. no</th> <th>Item</th> <th>Payment as % of Contract value</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Submission of Inception Report</td> <td>15</td> </tr> <tr> <td>2</td> <td>Submission of final alignment Report</td> <td>20</td> </tr> <tr> <td>3</td> <td>Submission of final feasibility Report</td> <td>20</td> </tr> <tr> <td>4</td> <td>Submission of final Land Acquisition Report</td> <td>10</td> </tr> <tr> <td>5</td> <td>Submission of clearance proposal</td> <td>3</td> </tr> </tbody> </table>	S. no	Item	Payment as % of Contract value	1	Submission of Inception Report	15	2	Submission of final alignment Report	20	3	Submission of final feasibility Report	20	4	Submission of final Land Acquisition Report	10	5	Submission of clearance proposal	3	Please refer to Amendment no. 5. (Annexure-B).
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3/2/20

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REPLY TO PRE-BID QUERIES

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74	4.11.2.2 Details of utility Services and Other Physical Features/page 53	To meet the accuracy levels, consultant shall use Ground Penetrating Radar, Induction Locator or equivalent technologies	Is Ground Penetration Radar Survey required for approach road?	Yes, as per RFP.																														



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REPLY TO PRE-BID QUERIES

75	Page 37	Framing and submission of report covering all the following aspects-Engineering studies pertaining to leakage, de-watering, grouting, blasting, ground acceleration due to blasting, tunnel closures supports system etc.	Ground acceleration due to blasting is required during construction and not at DPR stage	As per RFP.
76	4.1 In respect of road and Bridges/structures,	traffic studies including traffic surveys and Axle load survey and demand forecasting for next thirty years;	Is Traffic survey required?	As per RFP.

Garib Singh
12.05.2017

Annexure-D of Pre-Bid Reply

List of Developed countries

S. No.	Name of Country	S. No.	Name of Country
1.	Norway	27.	Spain
2.	Australia	28.	Czech Republic
3.	Switzerland	29.	Greece
4.	Germany	30.	Brunei
5.	Denmark	31.	Estonia
6.	Singapore	32.	Andorra
7.	Netherlands	33.	Cyprus
8.	Ireland	34.	Malta
9.	Iceland	35.	Qatar
10.	Canada	36.	Poland
11.	United States	37.	Lithuania
12.	Hong Kong	38.	Chile
13.	New Zealand	39.	Saudi Arabia
14.	Sweden	40.	Slovakia
15.	Liechtenstein	41.	Portugal
16.	United Kingdom	42.	United Arab Emirates
17.	Japan	43.	Hungary
18.	South Korea	44.	Latvia
19.	Israel	45.	Argentina
20.	Luxembourg	46.	Croatia
21.	France	47.	Bahrain
22.	Belgium	48.	Montenegro
23.	Finland	49.	Russia
24.	Austria	50.	Romania
25.	Slovenia	51.	Kuwait
26.	Italy		

3/10/2017
12.05.2017