

National Highways & Infrastructure Development Corporation Limited

Consultancy services for Authority's Engineer for Supervision of Construction, Operation and Maintenance of 2-Lane bi-directional Zojila Tunnel with Parallel Escape (Egress) Tunnel excluding approaches on Srinagar-Leh Section connecting NH-1 at km 95.00 and at km 118.00 in the State of Jammu & Kashmir on EPC Basis.

Amendment No.-5

Sl. No.	Clause	Existing Provision			Modified Provision (To be read as)		
1.	Appendix-O Detailed Evaluation Criteria Clause 2.2.6, Senior Geologist SI No. b(iii);	Sl. No.	Description	Max. Points	Sl. No.	Description	Max. Points
		I	General Qualification	25	I	General Qualification	25
			i) Masters in Geology /Applied Geology from recognized university	25		i) Masters in Geology /Applied Geology from recognized university	25
		II	Adequacy for the Project	70	II	Adequacy for the Project	70
		a. i)	Total Professional Experience <20 years - 0 20 years - 15 marks Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.	20	a. i)	Total Professional Experience <20 years - 0 20 years - 15 marks Add 1 mark extra for each additional year of experience subject to maximum 5 (five) marks.	20



		a. ii)	Experience in major Tunnel construction/construction supervision Projects (Road/Rail/Metro) in Himalayan Region using NATM technology < 5 years - 0 5 years - 12 marks Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.	15		a. ii)	Experience in major Tunnel construction/construction supervision Projects in Himalayan Region using NATM technology < 5 years - 0 5 years - 12 marks Add 1.5 marks extra for each additional year subject to maximum 3 (three) marks.	15	
			Similar Capacity				Similar Capacity		
		b. i)	Experience in major Tunnel(Road/Rail/Metro) Construction works in similar capacity < 7 years - 0 7 years - 12 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	15		b. i)	Experience in major Tunnel Construction works in similar capacity < 7 years - 0 7 years - 12 marks Add 1 mark extra for each additional year of experience subject to maximum 3 (three) marks.	15	
						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) <2 projects - 0 2 projects -7 marks	10	



			Contract Agreement with the Employer and has furnished the required Performance Guarantee as specified in the document within 15 days from the receipt of the Letter of Acceptance.
3.	Section 1 ITC Clause 18 Address of the Employer	General Manager (Technical) National Highway & Infrastructure Development Corporation Ltd. PTI Building, 3rd Floor, 4, Parliament Street, New Delhi-110001	General Manager (Technical) National Highway & Infrastructure Development Corporation Ltd. PTI Building, 3rd Floor,4-Parliament Street, New Delhi-110001 Ph. 011-23461674, Mob no. 8527254229 e-mail: prad_gmt@nhidcl.com
4.	Section – 6, Terms of reference for Authority’s Engineer. Enclosure-B	SUB PROFESSIONAL (To be evaluated for their suitability by Employer’s Representative, before deployment)	SUB PROFESSIONAL (To be evaluated for their suitability by Employer’s Representative, before deployment) K. BRIDGE / STRUCTURAL ENGINEER Duties: His duties will involve understanding the design provisions of both bridges/ROBs/flyovers and culverts, guiding and checking of reinforcement/cable laying operations, rectifying any apparent mistakes in respect of them, checking and controlling the proper mix designs, Checking the adequacy of proper form-work, laying/compacting of concrete including curing operations. He will be responsible for minor modifications in design of bridges/culverts, whenever required during execution. He should be Graduate in Civil Engineering from a recognized University. He should have Total Professional Experience of 10 years out of which 7 years experience in Construction / Construction Supervision of bridge / interchange / any other structures. He should have supervised at least two projects in similar capacity and should demonstrate experience of working in hilly region along with knowledge of design of



			bridges using computer Aided Bridge Design Software. He should be not more than 65 years of age. L. HIGHWAY ENGINEER Duties: He shall be responsible for the review of highway design and drawing using sophisticated computer software. He shall be responsible for supervising the work of highway and pavement to be constructed by the contractor for the project. The highway engineer requires a graduate degree in civil engineering. He should have 15 years of professional experience out of which at least 10 years in highway construction project. He should have handled at least 2 projects in similar capacity and should demonstrate experience of working in hilly region.
5.	Section-2, Clause 4.1, Letter of Invitation to Consultant C. Only Electronic form (to be uploaded on the INFRACON Portal) (a) Firm credentials as per format prescribed in Section – 3 of RFP. C. Only Electronic form (to be uploaded on the INFRACON Portal) (a) Firm credentials as per input format of INFRACON Portal.
6.	Clause 3.6, page 13 of RFP	Your Financial Proposal must be strictly using the formats attached in Section 5. No additional items/quantities other than that specified in the formats should be proposed by the Consultants since the same shall not be considered for the evaluation/award. 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	Your Financial Proposal must be strictly using the formats attached in Section 5. No additional items/quantities other than that specified in the formats should be proposed by the Consultants since the same shall not be considered for the evaluation/award. 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., the payment of the quoted amount of selected consultant will be made on monthly basis. The Consultant shall discuss with the Client for suitable deployment of personnel & economize other expenditure as per the requirement of progress of 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. However, for evaluation and award of the Bid proposals, the quoted initial rate (as applicable for first 12 months from last date of submission of bid) shall be multiplied by the total time input for each position on this contract, i.e. without considering the increase in the billing rates. All payments shall be made in Indian Rupees and shall be subjected to applicable Indian laws withholding taxes if any.	(vi) survey equipment etc., the payment of the quoted amount of selected consultant will be made on monthly basis. The Consultant shall discuss with the Client for suitable deployment of personnel & economize other expenditure as per the requirement of progress of work. Beginning 13th months from the last date of submission of bid, billing rates shall be increased for the remuneration of all categories mentioned above as well as on the remaining items of the financial proposal @ 5% every 12 months. However, for evaluation and award of the Bid proposals, the quoted initial rate (as applicable for first 12 months from last date of submission of bid) shall be multiplied by the total time input for each position on this contract, i.e. without considering the increase in the billing rates. All payments shall be made in Indian Rupees and shall be subjected to applicable Indian laws withholding taxes if any.
7.	Section - 2 Letter of invitation to consultants, Clause 3.4 (ix)	Replacement of key personnel shall be considered only in unavoidable circumstances. In no case more than two 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 replacements shall be 5% and 10% for 1 st replacement and 2 nd replacement respectively within validity period of bid. In case during negotiations held within validity period of bid, more than two 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, meeting the non-conflict condition shall be evaluated to arrive at new H-1. In case during interaction with the key personnel at the time of negotiation it is found that the key personnel proposed is un-	Replacement of key personnel shall be considered only in unavoidable circumstances. In no case more than four 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 replacements shall be 5% for 1 st and 2 nd replacement and 10% for 3 rd and 4 th replacement respectively within validity period of bid. In case during negotiations held within validity period of bid, more than four 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, meeting the non-conflict condition shall be evaluated to arrive at new H-1. In case during interaction with the key personnel at the time of negotiation it is found that the key personnel proposed is un-



	<p>suitable for the assignment position, his replacement by equivalent or better shall be provided by the consultant. The key personnel with such un-suitable CV shall not be considered in any future bids for that position for two years. No deduction for such replacement who are not found suitable during interaction shall be made.</p> <p>In the eventuality that a firm becomes non-responsive, for the third time, due to the action of replacements of more than 2 key personnel during negotiation, the firm and its constituent JV partners and Associates shall be debarred upto one year for Employer's consultancy projects.</p>	<p>suitable for the assignment position, his replacement by equivalent or better shall be provided by the consultant. The key personnel with such un-suitable CV shall not be considered in any future bids for that position for two years. No deduction for such replacement who are not found suitable during interaction shall be made.</p> <p>In the eventuality that a firm becomes non-responsive, for the third time, due to the action of replacements of more than 4 key personnel during negotiation, the firm and its constituent JV partners and Associates shall be debarred upto one year for Employer's consultancy projects.</p>
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