

NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.

Name of the Work: Consultancy Services for Preparation of Detailed Project Report and providing Pre-Construction activities for Construction of Highway Tunnel including approaches across Shinkun La, Tanglang La & Lachalung La in the Union Territory of Ladakh.

Amendment No-1

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2.	Clause No. 9.2.4 of SC C,	Qualifications of Arbitrators The sole arbitrator or the third arbitrator appointed pursuant to paragraphs (a)through (c) of Clause 8.2.1 here of shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute.			Qualifications of Arbitrators The sole arbitrator or the third arbitrator appointed pursuant to paragraphs (a)through (c) of Clause 9.2.1 hereof shall be an internationally recognized legal or technical expert with extensive experience in relation to the matter in dispute.		
3.	Data Sheet, Table 1: Minimum Eligibility Requirements,	B.	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M of more from ground surface.		B.	A Firm applying should have carried out the Directional Coring for Geological/Geotechnical investigation and has prepared record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200 M or more from ground surface.	

Sr No	Clause	Existing clause				Modified Clause			
4.	Data Sheet, A. Firm's relevant experience in last 10 years Sr No 4. & Sr No. 4, Clause 2.1 of Detailed Evaluation Criteria								
		4.	Carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained OR Directional Coring for investigating preparing record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200M or more from ground surface	10		4.	Carried out Airborne Electromagnetic Survey (AEM) (non-intrusive geophysical survey) to the depth of 300 M and have successfully prepared interpretative engineering geological model using the data so obtained OR Directional Coring for investigating preparing record of ground conditions and geological information for a minimum horizontal length of 500M at a depth of 200M or more from ground surface	10	
5.	Data Sheet, B. Material testing, survey and investigation, equipment and software proposed to be used & Clause 2.2 of Detailed Evaluation Criteria								
		S.No	Description	Maximum Points	Sub-Points	S.No	Description	Maximum Points	Sub-Points
		1	Availability of in-house material testing facility	3		1	Availability of in-house material testing facility	4	
		1.1	Available		3	1.1	Available		4
		1.2	Outsourced or through associate		2.25	1.2	Outsourced or through associate		3.25
		2	Field Investigation Facilities	2		2	Field Investigation Facilities	2	
		2.1	(a) Geo Technical Investigation	1		2.1	(a) Geo Technical Investigation	1	
		2.1.1	Available		1	2.1.1	Available		1
		2.1.2	Outsourced or through associate		0.75	2.1.2	Outsourced or through associate		0.75
		2.2	(b) Pavement Investigation	1		2.2	(b) Pavement Investigation	1	
		2.2.1	Available		1	2.2.1	Available		1
		2.2.2	Outsourced		0.75	2.2.2	Outsourced		0.75
		3	Availability of Office Equipment and Software for Tunnel Projects with	3		3	Availability of Office Equipment and Software for Tunnel Projects with	4	

Sr No	Clause	Existing clause				Modified Clause			
			persons/resources having operational skills of the equipment				persons/resources having operational skills of the equipment		
		3.1	Available		3	3.1	Available		4
		3.2	Outsourced or through associate		2.25	3.2	Outsourced or through associate		3.25
6.	Appendix-V, Detailed Evaluation Criteria, 2.4.3 Senior Ventilation and Fire Safety Expert	Sr. No.	Description		Max. Points	Sr. No.	Description		Max. Points
		I	General Qualification		25	I	General Qualification		25
		i)	Graduate in Electrical/Mechanical/Ventilation Engineering or equivalent		20	i)	Graduate in Electrical/Mechanical/Ventilation Engineering or equivalent		20
		ii)	Post Graduation in Ventilation/Fire Safety or equivalent		5	ii)	Post Graduation in Ventilation/Fire Safety or equivalent		5
		II	Relevant Experience & Adequacy for the Project		70	II	Relevant Experience & Adequacy for the Project		70
		a)	Total Professional Experience		15	a)	Total Professional Experience		20
			<15 years	0			<15 years	0	
			15-20 years	10			15-20 years	15	
			>20 -25years	13			>20 -25years	17	
			>25years	15			>25years	20	
		b)	Experience in Relevant works		50	b)	Experience in Relevant works		50
			(i) Professional Experience in Ventilation &/or Fire and Life Safety		12		(i) Professional Experience in Ventilation &/or Fire and Life Safety		12
			<10 years	0			<10 years	0	
			>=10-12 years	9			>=10-12 years	9	
			>12 -14 years	11			>12 -14 years	11	
			>14 years	12			>14 years	12	
			(ii) Experience in Design of Ventilation for		12		(ii) Experience in Design of Ventilation for		12

Sr No	Clause	Existing clause				Modified Clause			
		tunnelling projects on major Tunnels in preparation of DPR				tunnelling projects on major Tunnels in preparation of DPR			
		< 2 projects	0			< 2 projects	0		
		2 projects	9			2 projects	9		
		3 projects	11			3 projects	11		
		4 or more projects	12			4 or more projects	12		
		(iii) Experience in Fire & Life Safety Design for tunnelling projects on major Tunnels in preparation of DPR		12		(iii) Experience in Fire & Life Safety Design for tunnelling projects on major Tunnels in preparation of DPR		12	
		< 2 projects	0			< 2 projects	0		
		2 projects	9			2 projects	9		
		3 projects	11			3 projects	11		
		4 or more projects	12			4 or more projects	12		
		(iv) Experience in Fire & Life Safety Design for tunnelling projects having design HRR of 200 MW or more on major Tunnel		14		(iv) Experience in Fire & Life Safety Design for tunnelling projects having design HRR of 200 MW or more on major Tunnel		14	
		< 1 projects	0			< 1 projects	0		
		1 projects	9			1 projects	9		
		2 projects	12			2 projects	12		
		3 or more projects	14			3 or more projects	14		
		II Employment with Firm		5		II Employment with Firm		5	
		Less than 1 Year	0			Less than 1 Year	0		
		1-2 years	3			1-2 years	3		
		Add 0.5 marks for each subsequent year subject to maximum of 2 marks	5			Add 0.5 marks for each subsequent year subject to maximum of 2 marks	5		
		Total		100		Total		100	
7.	Appendix-V, Detailed Evaluation Criteria,	Assumptions to be made regarding Similar Capacity for various positions				Assumptions to be made regarding Similar Capacity for various positions			

Sr No	Clause	Existing clause				Modified Clause					
		1. Team Leader cum Senior Tunnel Expert				1. Team Leader cum Senior Tunnel Expert					
		i) On behalf of the Consultant/Contractor:		Team Leader/Senior Highway Engineer.		i) On behalf of the Consultant/Contractor:		Team Leader/Senior Tunnel Expert/Designer.			
		ii) In Government Organizations:		Superintending Engineer (or equivalent) and above		ii) In Government Organizations:		Superintending Engineer (or equivalent) and above			
8.	Enclosure-I Manning Schedule										
		SI. No	Key Personnel	Shinkun La (08 Months)	Tanglang La (12 Months)	Lachalung La (12 Months)	SI. No	Key Personnel	Shinkun La (08 Months)	Tanglang La (12 Months)	Lachalung La (12 Months)
		1	Team Leader Cum Senior Tunnel Expert	8	12	12	1	Team Leader Cum Senior Tunnel Expert	8	12	12
		2	Tunnel Design Expert	8	12	12	2	Tunnel Design Expert	8	12	12
		3	Senior Ventilation & Fire Safety Expert	4	6	6	3	Senior Ventilation & Fire Safety Expert	4	6	6
		4	Senior Geotechnical Expert	8	12	12	4	Senior Geotechnical Expert	8	12	12
		5	Directional Coring Expert	6	8	8	5	Directional Coring Expert	6	8	8
		6	Senior E& M Engineer	4	6	6	6	Senior E& M Engineer	4	6	6
		7	Senior Geologist	8	12	12	7	Senior Geologist	8	12	12
		8	Senior Surveyor Engineer (2 Nos.)	16	24	24	8	Senior Surveyor Engineer (2 Nos.)	16	24	24
		9	Environmental Engineer	4	6	6	9	Environmental Engineer	4	6	6
		10	Material Engineer	6	8	8	10	Material Engineer	6	8	8
		11	Highway cum Pavement Engineer	4	6	6	11	Highway cum Pavement Engineer	4	6	6
		12	Quantity Surveyor/Documentation Officer	4	6	6	12	Quantity Surveyor/Documentation Officer	4	6	6
			Total	80	110	110		Total	80	118	118

Sr No	Clause	Existing clause				Modified Clause			
9.	Detailed Evaluation Criteria, Sr No 3. Of Clause 2.1								
		3	DPR for Road/Rail/Metro tunnel using NATM	10		3	DPR for Road/Rail/Metro Tunnel projects in Hills or at an elevation of more than 1000 m	10	
		3.1	1 project		6	3.1	1 project		6
		3.2	2 projects		8	3.2	2 projects		8
		3.3	3 projects		10	3.3	3 or more projects		10
10.	BOQ	-				Modified BOQ			
11.	Clause 1.4 of LOI	1.4 The consultants shall submit proposals either in sole capacity or in JV or in Association. Joint Venture shall not have more than two firms. Any entity which has been barred by the Ministry of Road Transport and Highways (MORTH) or its implementing agencies for the works of Expressways, National Highways, ISC and EI Works and the bar subsists as on the date of application, would not be eligible to submit the bid, either individually or as a member of a Joint Venture. The consultant may bid for any number of tunnel package(s); accordingly they must fill Form II, showing for which package they are bidding.				The consultants shall submit proposals either in sole capacity or in JV and/or in Association. Joint Venture shall not have more than two firms. In addition to this the Applicant may include Associates having experience in new technologies as AEM Survey & Directional Coring (who shall fulfil at least 100% of eligibility requirement under Sr. No. B or C of Minimum Eligibility requirements of Data Sheet). However, the Associate(s) cannot be common for 2 or more bidders. Any entity which has been barred by the Ministry of Road Transport and Highways (MORTH) or its implementing agencies for the works of Expressways, National Highways, ISC and EI Works and the bar subsists as on the date of application, would not be eligible to submit the bid, either individually or as a member of a Joint Venture. The consultant may bid for any number of tunnel package(s); accordingly they must fill Form II, showing for which package they are bidding.			
12.	Form II of Appendix-IV,	Format of Financial Proposal Summary of Cost in Local Currency				Format for bidders willingness for various packages			
		Sl No	Package	Name of the Participant/bidder for respective packages		Sl No	Package	Bidders to write 'YES' against the packages they are bidding	
		BoQ1	I (Shinkun La)			BoQ1	I (Shinkun La)		
		BoQ2	II (Tanglang La)			BoQ2	II (Tanglang La)		
		BoQ3	III (Lachalung La)			BoQ3	III (Lachalung La)		
		** Total Cost excluding GST shall be considered for financial evaluation				** Only the packages against which the bidder has mentioned 'YES' will be evaluated.			

Sr No	Clause	Existing clause	Modified Clause																								
		<p>Note: No escalation will be payable during the services</p> <p>Insurances shall not be allowed separately. These will be incidental to main items.</p> <p>Rates for all items shall be quoted in figures as well as in words.</p>																									
13.	Table-1: Minimum Eligibility Requirements of Data Sheet, Page No. 22	<p>Table-1: Minimum Eligibility Requirements (Indicative Length of the Packages 10 km)</p> <table><tr><th>S. No.</th><th>Minimum experience and performance of Preparation of DPR of Road Tunnels/ Highways in the last 10 years (NH/ SH/ Equivalent) (for past performance attach undertaking for any litigation history/ and arbitration).</th><th>Annual average turnover</th></tr><tr><td>A</td><td>A Firm applying minimum 60% of the indicative length of the package.</td><td>Annual average turnover for last 3 years of the firm should be equal to or more than Rs 5.00 Crore.</td></tr><tr><td>B</td><td>.....</td><td></td></tr><tr><td>C</td><td>.....</td><td></td></tr></table>	S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels/ Highways in the last 10 years (NH/ SH/ Equivalent) (for past performance attach undertaking for any litigation history/ and arbitration).	Annual average turnover	A	A Firm applying minimum 60% of the indicative length of the package.	Annual average turnover for last 3 years of the firm should be equal to or more than Rs 5.00 Crore.	B		C		<p>Table-1: Minimum Eligibility Requirements (Indicative Length of the Packages 10 km)</p> <table><tr><th>S. No.</th><th>Minimum experience and performance of Preparation of DPR of Road Tunnels/ Highways in the last 10 years (NH/ SH/ Equivalent) (for past performance attach undertaking for any litigation history/ and arbitration).</th><th>Annual average turnover</th></tr><tr><td>A</td><td>A Firm applying minimum 60% of the indicative length of the package.</td><td>Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.</td></tr><tr><td>B</td><td>.....</td><td></td></tr><tr><td>C</td><td>.....</td><td></td></tr></table>	S. No.	Minimum experience and performance of Preparation of DPR of Road Tunnels/ Highways in the last 10 years (NH/ SH/ Equivalent) (for past performance attach undertaking for any litigation history/ and arbitration).	Annual average turnover	A	A Firm applying minimum 60% of the indicative length of the package.	Annual average turnover for last 5 years of the firm should be equal to or more than Rs 5.00 Crore.	B		C	
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B																										
C																										
14.	Clause 1.1 (i) of Detailed Evaluation Criteria of Appendix-V	<p>Annual Average Turn Over for the last 3 years {In cases where, Audited/Certified copy of Balance Sheet for the FY 2019-20 is available, last three years shall be counted from 2017-18 to 2019-20. However, where audited/certified copy of the Balance Sheet for the FY 2019-20 is not available (as certified by the Statutory auditor) then in such cases last three years shall be considered from 2016-17 to 2018-19} of the firm from Consultancy services should be equal to more than Rs 5 crore.</p>	<p>Annual Average Turn Over for the last 5 years {In cases where, Audited/Certified copy of Balance Sheet for the FY 2019-20 is available, last five years shall be counted from 2017-18 to 2019-20. However, where audited/certified copy of the Balance Sheet for the FY 2019-20 is not available (as certified by the Statutory auditor) then in such cases last five years shall be considered from 2016-17 to 2018-19} of the firm from Consultancy services should be equal to more than Rs 5 crore.</p>																								

Sr No	Clause	Existing clause	Modified Clause								
15.	Clause 8 NIT	<table><tr><td>Bid submission End Date (online & physical Copy)</td><td>13.04.2020 (1100 hrs)</td></tr><tr><td>Opening Date of Technical Bid</td><td>14.04.2020 (1100 hrs)</td></tr></table>	Bid submission End Date (online & physical Copy)	13.04.2020 (1100 hrs)	Opening Date of Technical Bid	14.04.2020 (1100 hrs)	<table><tr><td>Bid submission End Date (online Copy)</td><td>28.04.2020 (1100 hrs)</td></tr><tr><td>Opening Date of Technical Bid</td><td>29.04.2020 (1100 hrs)</td></tr></table>	Bid submission End Date (online Copy)	28.04.2020 (1100 hrs)	Opening Date of Technical Bid	29.04.2020 (1100 hrs)
Bid submission End Date (online & physical Copy)	13.04.2020 (1100 hrs)										
Opening Date of Technical Bid	14.04.2020 (1100 hrs)										
Bid submission End Date (online Copy)	28.04.2020 (1100 hrs)										
Opening Date of Technical Bid	29.04.2020 (1100 hrs)										
16.	Clause 4.2, of LOIThe Bid proposal including the documents required to be submitted in hard copy will be sealed in an envelope which will bear the address and information indicated in the Data Sheet and shall be submitted to NHIDCL on or before the deadline for submission of bids.....The Bid proposal including the documents required to be submitted in soft copy* to NHIDCL on or before the deadline for submission of bids..... *Keeping the COVID-19 Pandemic Lockdown in view, Hard copies of the documents submitted in soft copy before bid due date, may be submitted later as per NHIDCL’s intimation after opening of lockdown or before opening of financial bids, whichever is earlier.								