

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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(भारत सरकार का उद्यम)

(A Government of India Enterprise)

Reply to Pre-Bid queries

NHIDCL/Nagaland/DK3/Viaduct/BP/2023/ 1785

Date: 29.08.2023

To,

All Respective Bidders

Subject: Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) contract basis - **Reply to Pre-Bid queries.**

Tender Id: 2023_NHIDC_756910_1

Sir/Madam,

Please find herewith reply to pre-bid queries on the above mentioned subject as per details below:

SI No	Particulars	Clause and Description	Queries	Reply
1.	Soil Report	NIL	Soil Report is not enclosed with RFP. Please provide the same.	Being an EPC Contract, Contactor has to carry out geotechnical investigation and prepare the design & drawings. Bidders have to quote as per their own survey.
2.	Bid security	RFP Clause 2.20/ Page no 41 The bidder shall furnish as part of its Bid, a Bid Security referred to in Clause 1.2.10 herein above in the form of FD/DD/e-BG issued by nationalized bank, or a scheduled bank..... given in the list shall not be accepted	Kindly also allow Insurance Surety Bond as Bid Security as per Circular no NH-240281/14/2014-H dated 31 st May 2023 issued by Ministry of Road Transport & Highways. Kindly provide the name and address of	As per RFP

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			name and address of beneficiary for preparing DD/FDR & Insurance surety bond	
3.	Performance Security	<p>RFP Clause 2.21.1</p> <p>Within 30 (thirty) days of receipt of Letter of Acceptance, the selected Bidder shall furnish to the Authority an irrevocable and unconditional e-Bank Guarantee only from a bank in the form set forth in Appendix-VII (the "performance Security") for an amount equal to 3% three percent) of its Bid Price..... for an amount calculated as under:</p>	<p>Kindly allow us to submit Performance Security in the form of FDR, Account Payee DD/Banker's Cheque, Insurance Surety Bond, BG including e-BG from any of the commercial banks or payment online in an acceptable form as per Circular no NH-240281/14/2014-H dated 31st May 2023 issued by Ministry of Road Transport & Highways. Kindly provide the name and address of beneficiary for preparing DD/FDR & Insurance surety bond</p>	As per RFP
4.	Force Majeure	<p>DCA Clause 21.6(1) /page 122</p> <p>Upon the occurrence of any Force Majeure after the Appointed Date, the costs incurred and attributable to such event and directly relating to this Agreement (the "Force Majeure costs") shall be allocated and paid as follows:</p> <p>(a) upon occurrence of a Non-Political Event, the Parties shall bear their respective Force Majeure costs and neither Party shall be required to pay to the other Party any costs thereof;</p> <p>(b) upon occurrence of an Indirect Political Event, all Force Majeure costs attributable to such Indirect Political Event, and not exceeding the Insurance Cover for such Indirect Political Event, shall be borne by the Contractor, and to the extent Force</p>	<p>Upon occurrence of a non political event such as act of god, epidemic, extremely adverse weather conditions, lightening, earthquake etc and indirect political event such as act of war, invasion, armed conflict, riot, terrorist or military action, civil commotion or politically motivated sabotage etc will cause huge loss to the contractor which are not recoverable. In the present scenario of north east states, we</p>	As per DCA



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		<p>Cover, one half of such excess amount shall be reimbursed by the Authority to the Contractor for the Force Majeure events; and</p> <p>(c) upon occurrence of a Political Event, all Force Majeure costs attributable to such Political Event shall be reimbursed by the Authority to the Contractor.</p> <p>(d) For the avoidance of doubt, Force Majeure costs may include costs directly attributable to the Force Majeure Event, but shall not include debt repayment obligations, if any, of the Contractor.</p>	<p>provision for compensation to the contractor on occurrence of non-political and indirect political event.</p>	
5.	General	Land for office, labour camp and batching plant	We request Authority to provide suitable land near project site for office, labour camp & batching plant	Being an EPC Contract, Contactor has to make own arrangement for land required for office, labour camp & batching plant. Bidders have to quote as per their own requirement and assessment.
6.	RFP Header	<p>RFP header of every page showing project name:</p> <p>““Construction of RCC Box Cell Viaduct by Cast in Situ method at chainage Km 153.150 to Km 153.350 and Km 155.850 to km 156.300 along with other ancillary works on NH-29 in the state of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis) ”</p>	Please clarify	<p>May read the project name in RFP header as “Construction of RCC Box Cell Viaduct by Box Pushing Method at chainage Km 157+200 to Km 157+500 along with other ancillary works on NH-29 in the State of Nagaland under SARDP-NE through Engineering, Procurement and Construction (EPC) Contract Basis”.</p> <p>May refer Corrigendum-III.</p>
7.	Bid Date Sheet	<p>RFP Clause 5.3 (c)</p> <p>RCC Box cell Viaduct (Cast – in – Situ) – 160 m</p>	Please Clarify	May read as “RCC Box Cell Viaduct using Box Pushing method (150 m) ”.

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				May refer Corrigendum-III
8.	RFP Clause 2.2.2.2 (iii)(c) Similar Work Experience	RCC Box Cell Viaduct The sole Bidder shall have completed at least one similar RCC Box Cell Viaduct (Box Push) project in Highway/Road/Railway sector the last 5 (Five) financial years preceding the Bid Due Date, having total length equal to or greater than 50% of the total length or 100 m, whichever is less of the structure proposed in this project and also the cost of such similar project shall be at least 20% of the Estimated Project Cost. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost.	A. We hereby inform you that , as per bid document, 80 m pushing is required by contractor in one single contract, and from our site visit, we feel that this pushing length of 160 m in hills with huge overburden in sliding and sinking zone, required similar experience of pushing should be minimum length of 45/50 m at one place (single pushing length should be 45 – 50 m out of required eligibility criteria of 80 m pushing in one single contract) B. Similarly, the size of proposed RCC Box Pushing method in bid document 11.00m (width) x 5.60 m (height) , we hereby inform you that, eligibility needs to be modified for similar work must be contractor should have executed RCC Box by pushing method should be 9.00 (width) x 5.00 (height)	May refer Corrigendum-III.
9.	RFP Clause 1.1.1	Completion Period Eighteen months as per tender document page no 9	Considering the scope & methodology of work, 18 months construction period is short. In view of Box	Being an EPC Contract, Contactor has to prepare design & drawings, methodology and work



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							Pushing activity we request you to revise completion period to 24 months including 2 monsoon season	programme as per scope of work defined. Bidders have to quote as per their own survey & assessment.															
10.	RFP Clause 2.2.2.2 (iii)(c) Similar Work Experience	RCC Box Cell Viaduct The sole Bidder shall have completed at least one similar RCC Box Cell Viaduct (Box Push) project in Highway/Road/Railway sector the last 5 (Five) financial years preceding the Bid Due Date, having total length equal to or greater than 50% of the total length or 100 m, whichever is less of the structure proposed in this project and also the cost of such similar project shall be at least 20% of the Estimated Project Cost. For this purpose, a project shall be considered to be completed, if more than 90% of the value of work has been completed and such completed value of work is equal to or more than 20% of the Estimated Project Cost.					We hereby inform you that, as per site condition actual required length of Box Pushing is 80 m only instead of 150 m. Therefore as per above criteria for required length of similar work executed should be 40 m i.e., actual required length if box pushing 80m x 50% .Therefore for most competitive bidding we request you to revise the similar work experience parties who does not have experience of long box pushing will also bid for this project	May refer Corrigendum-III															
11.	Schedule-B Clause 9.1.4	<table><tr><td rowspan="2">S l. No.</td><td rowspan="2">Len gth of Box cell Desi gn (fro m km to km)</td><td colspan="3">Type of Structure</td><td rowspan="2">Span Length (m)</td><td rowspan="2">Foot path Width (m)</td><td rowspan="2">Rem arks</td></tr><tr><td>Found ation</td><td>Sub- struc ture</td><td>Sup er struc ture</td></tr><tr><td>1</td><td>157 +240 to 157 +390</td><td colspan="3">RCC BOX Cell TYPE</td><td>2 x 11</td><td>1.5</td><td>Preca st with Box Push Tech nique</td></tr></table>	S l. No.	Len gth of Box cell Desi gn (fro m km to km)	Type of Structure			Span Length (m)	Foot path Width (m)	Rem arks	Found ation	Sub- struc ture	Sup er struc ture	1	157 +240 to 157 +390	RCC BOX Cell TYPE			2 x 11	1.5	Preca st with Box Push Tech nique	Size of Box – Minimum internal size of box should be mentioned as 10 m x 5 m	May refer Corrigendum-III
S l. No.	Len gth of Box cell Desi gn (fro m km to km)	Type of Structure			Span Length (m)	Foot path Width (m)	Rem arks																
		Found ation	Sub- struc ture	Sup er struc ture																			
1	157 +240 to 157 +390	RCC BOX Cell TYPE			2 x 11	1.5	Preca st with Box Push Tech nique																

12.	RFP Clause 1.1.1	60 months maintenance period	Kindly clarify the DLP and maintenance period	May refer Corrigendum-III.
13.	RFP Clause 1.1.2	The Defect Liability Period/Maintenance Period for the development of National Highway shall be as under: 10 (ten) years from the date of completion in case of road being constructed with rigid pavement. 10 (ten) years from the date of completion in case of all stand-alone structures, e.g. Major Bridges/ and Tunnels 10 (ten) years from the date of completion for the stretches where new technology/ material has been/ is proposed to be used.	Kindly clarify the DLP and maintenance period	As per RFP
14.	DCA Clause 19.1	The contract price also includes the cost of Shifting of obstructing utilities (including all centeges as applicable by the utility owing department except supervision charges) as given in clause 9.2 and schedule B.	Details of Utility Shifting not provided in Schedule-B	As per DCA and Schedule-B.
15.	Schedule-B Clause 5.1.1	Rigid pavement layer is considered as tabulated below: Design length (km): 0.250	There is ambiguity in length of road works with Schedule-B Clause 6.	May refer Corrigendum-III.
16.	Schedule-B Clause 6	6.1: Earthwork upto subgrade top: 150 m 6.2: Preparation of subgrade to: 150 m 6.3: Granular works (sub base): 150 m 6.4 : Granular works (DLC) : 150 m 6.5: PQC and shoulders : 150 m	There is ambiguity in length of road works with Schedule-B Clause 5.1.1	As per Schedule-B.
17.	Schedule-B Clause 16.1	RCC wing/ return walls: both sides of box push structure	Length/area of wing/return wall is not provided.	As per Schedule-B.
18.	Schedule-H Table 1.3.4 Other works	Wing/Return Wall: Unit of measurement is linear length. Payment shall be made on pro rata basis on completion of a stage in a length of not less than 5 (five) percent of the total length	Request for modification: Payment shall be made on basis of completion of each wall (total walls : 4 no's)	As per Schedule-H.
19.	Schedule-B Clause 2.8	TCS: In addition to the subsurface drainage system to be incorporated in this cross section as per manual	Whether subsurface drainage is required in road section or box tunnel or both	As per Schedule-B.
20.	Schedule-B Clause 2.8	TCS: The EPC Contractor shall modify the TCS according to pavement design	Clause 5.1.2 and 5.1.3 are not available in	May refer Corrigendum-III.



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		mentioned in Clause 5.1.2 and 5.1.3 of Schedule-B	Schedule-B. Whether EPC Contractor is allowed to modify TCS for box tunnel as per design following relevant IRC codes.	
21.	Schedule-B Clause 9.1.4	The following structures shall be provided with footpaths: 157.240 to 157.390: RCC Box cell Type	Details of footpath not given in TCS-IV (RCC Box Cell Tunnel Push Technology)	As per Schedule-B and Schedule-D.

2. For necessary information.

Yours Sincerely


 (Ashok Kumar Jha)
 General Manager (Tech)