

Request for Proposal

Volume II

[Contract Package No.: NHIDCL/J&K/Maint./K-H-G-D/NH-244/2017-18]

FORM OF BID

Description of works:

“Restoration of Road by way of clearance of consolidated slips, surface boulders, side drain, culverts including construction of Retaining wall and Breast walls and fixing of Traffic sign board & Kilometer stones on Khellani-Hambal-Goha-Dranga (km 0.000 to km 29.800) in the state of Jammu & Kashmir”

[Contract Package No.: NHIDCL/J&K/Maint./K-H-G-D/NH-244/2017-18]

To,
General Manager (T)
National Highways & Infrastructural Development Corporation Ltd.
3rd Floor, PTI Building, 4- Parliament Street,
New Delhi-110001

I, We offer to execute the works described above and remedy any defects therein in conformity with the conditions of Contract, specification, drawings, Bill of Quantities and Addenda for the sum(s) of

2. We undertake, if our Bid is accepted, we shall commence the work within start date as specified in Bid document. In case of any default in this regard, we understand that this shall be considered as our event of default and therefore NHIDCL may forfeit Performance Security. The whole work shall be completed within the period stated in the Bid document.
3. We agree to abide by this Bid for the period of 120 days from the date fixed for receiving the same, and it shall remain binding upon us may be accepted at any time before the expiry of that period.
4. Unless and until a formal Agreement is prepared and executed, this Bid together with your written acceptance thereof, shall constitute a binding contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this _____ day of _____ 2018

Signature _____ in the capacity of _____ duly authorized to sign bids for and on behalf of

(In _____ block _____ capital _____ letters).

Address: _____

(To be uploaded electronically on the CPP Portal i.e. <https://eprocure.gov.in> only)

BILL OF QUANTITIES

Preamble

1. The Bill of quantities shall be read in conjunction with the Instruction to Bidders, Conditions of Contract, Technical Specifications and Drawings.
2. The quantities given in the Bill of quantities are estimated and provisional and are given to provide a common basis for bidding. The basis of payment will be actual quantities of work ordered and carried out as measured by the Contractor and verified by the Engineer and valued at the rates and prices tendered in the priced Bill of Quantities, where applicable and otherwise at such rates and prices as the Engineer may fix within the terms of Contract.
3. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the contract, include all equipment, construction plant, labour, supervision, materials, erection, maintenance, testing of input material delivered, profit, taxes and duties together with all general risks, liabilities and obligations set out and implied in the Contract.
4. The rates and prices shall be quoted in words and figure.
5. A rate or price shall be entered against each item in the Bill of Quantities whether the quantities are stated or not. The cost of the items against which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
5. A rate or price shall be entered against each item in the Bill of Quantities whether the quantities are stated or not. The cost of the items against which the Contractor has failed to enter a rate or price shall be deemed to be covered by other rates and prices entered in the Bill of Quantities.
6. The whole cost of complying with the provisions of the Contract shall be included in the items provided in the priced Bill of Quantities and where no items are provided the cost shall be deemed to be distributed among the rates & prices entered for the related items of work.
7. General directions and descriptions of work and materials are not necessarily repeated or summarized in the Bill of Quantities. Reference to the relevant sections of the Contract documentation shall be made before entering rates or prices against each item in the Bill of Quantities.
8. The method of measurement of completed work for payment shall be in accordance with the specifications for Road and Bridge Works published by the Ministry of Road Transport & Highways (Fifth Revision, 2013).

Note:

1. Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.
2. Unit rates and prices shall be quoted by the bidder in Indian Rupee.

Summary of Bill of Quantities (To be uploaded as per format on CPP Portal)			
Bill No.	Description of Items	Total Amount (in Rs.)	
		In figures	In words
A	<i>“Restoration of Road by way of clearance of consolidated slips, surface boulders, side drain, culverts including construction of Retaining wall and Breast walls and fixing of Traffic sign board & Kilometer stones on Khellani-Hambal-Goha-Dranga (km 0.000 to km 29.800) in the state of Jammu & Kashmir.”</i>		

Nature of Work:

1. **“Restoration of Road by way of clearance of consolidated slips, surface boulders, side drain, culverts including construction of Retaining wall and Breast walls and fixing of Traffic sign board & Kilometer stones on Khellani-Hambal-Goha-Dranga (km 0.000 to km 29.800) in the state of Jammu & Kashmir.”**

Bidder:

Name:

SCHEDULE OF WORKS							
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)							
Sl. No.	Description of work	Qty.	Unit	Estimated Rate (in. Rs.)	RATE In Figures To be entered by the Bidder		AMOUNT Rs. P
					Rs.	P	
					Figures	Words	
	“Restoration of Road by way of clearance of consolidated slips, surface boulders, side drain, culverts including construction of Retaining wall and Breast walls and fixing of Traffic sign board & Kilometer stones on Khellani-Hambal-Goha-Dranga (km 0.000 to km 29.800) in the state of Jammu & Kashmir.”						
1	Clearance of landslide						
1.1	Clearance of landslides in soil and ordinary rock.	19000.00	cum				
1.2	Disposal of mulba including loading/ unloading excluding haulage	9500.00	cum				
1.3	Haulage of materials by tipper excluding loading / unloading (avg. Lead 5 Kms)	76000.00	cum				
2	Construction of Retaining Walls						
2.1	Earthwork in excavation by manual means in trenches for foundations of drains, pipes cables etc. over areas not exceeding 1.50 mtr in width & 10 Sqm on plan	441.80	cum				
2.2	P/L in position cement concrete of specified grade 1:3:6 in foundation including cost of formwork using 40mm nominal size	147.98	Cum				
2.3	P/L in position cement concrete of specified grade 1:2:4 using 20mm nominal size crushed including cost of formwork for Parapets & coping	40.05	Cum				
2.4	Random Rubble stone manually with hard nallah stone in foundations upto plinth with 1:6 cement mortar	520.14	Cum				

2.5	Dry Random Rubble stone masonry using hard nallah stones in Panels of R/Walls.	433.77	Cum				
2.6	Back filling behind R/Walls, wing walls, Return wall etc.	377.93	Cum				
3	WBM-II, III, and CGPS (PC)						
3.1	<p>Water Bound Macadam-III</p> <p>Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam specifications including spreading in uniform thickness, hand packing rolling with 3-wheeled steel/ vibratory roller 8-10 tonnes in stages to proper grade camber applying and booming to requisite type of screening / binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density (B) (53 to 22.40 mm size aggregate)</p>	3861.00	Cum				
3.2	<p>Prime Coat</p> <p>Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.</p>	75900	sqm				
3.3	<p>Tack Coat</p> <p>Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous / granular surface cleared with mechanical broom.</p>	75900	Sqm				
3.4	<p>Open - Graded Premix Surfacing</p> <p>Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or cut-back or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades.</p> <p>Case - I: Mechanical method using Penetration grade Bitumen and HMP of appropriate capacity not less than 75 tonnes/hour .</p>	75900	sqm				

3.5	Seal Coat Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats	75900	sqm				
3.6	Scarifying of existing Bituminous surface Scarifying existing bituminous road surface to a depth of 50 mm and disposal of scarified material within all leads upto 1000 mtr. (by mechanical means)	33000	sqm				
4	Clearance of Hill Side Drain						
4.1	Hill side drain clearance filled with morum / kanker / shingle etc. by manual means including disposal of mulba on valley side considering 0.2cum of earth filled per RMT of drain.	29800	RMT				
5	Maintenance of Earthen Shoulder						
5.1	Maintenance of earthen shoulder (filling with fresh soil) making up loss of material / irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment.	59600	cum				
6	Fixing of Traffic Sign Board						
6.1	Fixing of Retro-Reflectorised Traffic Sign Board.	12	Nos.				
7	Construction of Cross Drainage works (Cause way / scupper)						
7.1	Plain/Reinforced Cement Concrete of Grade M-15 in Open Foundation complete as per Drawing and Technical Specifications.	41.250	cum				
7.2	Laying Reinforced cement concrete pipe NP4/ Prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets .	12.00	RM				
8	Clearance of snow						
8.1	Snow clearance from road surface by a bulldozer 165 Hp and disposing it on the valley side	53640.00	cum				
9	Construction of Crate Wall						
9.1	Earthwork in excavation by manual means in trenches for foundations of drains, pipes cables etc. over areas not exceeding 1.50 mtr. in width & 10 sqm on plan.	253.50	cum				

9.2	Providing and laying of Gabian Crates including cost of stones and crates	1684.80	cum				
9.3	Back filling behind R/Walls, wing walls, Return wall etc.	438.75	cum				
10.	Construction of Parapets & Fixing of Road Delineators						
10.1	Plain/Reinforced Cement Concrete of M15 Grade in structure complete as per Drawing and Technical Specifications.	349.68	cum				
11.	Fixing of Road Delineators						
11.1	Plain/Reinforced Cement Concrete of M15 Grade in structure complete as per Drawing and Technical Specifications.	23.57	cum				
11.2	Road Delineators (50% of Parapets)	895.00	Nos.				
Total in Figures							
Total in Words		Rupees only					