Bill of Quantities (BOQ)

Construction of Vented Causeway in Jhapa Rural Municipality ward no 5

IFB No.: 801011212/NCB/JHAPA/JRM/WORKS/10/083-84

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Providing and installation of project signboards with size of 1.8 x 1.2 m as per specification and instruction of engineer.	PS	1.00	5,000.00 Five thousand rupees only.	5,000.00 Five thousand rupees only.
PS.2	Carrying out of additional field and laboratory tests for material and works as required and as per the instruction of project manager.	PS	1.00	20,000.00 Twenty thousand rupees only.	20,000.00 Twenty thousand rupees only.
PS.3	Insurances for the loss or damage to works, plant, material, equipment, property and personnel injury or death and commission of bank security and performance guarantee all complete, as per specification and instruction of engineer	PS	1.00	32,620.84 Thirty-two thousand six hundred twenty rupees and eighty-four paisa only.	32,620.84 Thirty-two thousand six hundred twenty rupees and eighty-four paisa only.
	Total provisional sums				57,620.84 Fifty-seven thousand six hundred twenty rupees and eighty-four paisa only.

Construction work **CPV: 45000000-7 - Construction work**						
SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.1	Excavation for Structures Foundation, Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter including necessary dewatering and backfilling with approved Material as per Drawing and Technical Specifications., Ordinary soil by Mechanical Means, Depth upto 3 m (Spec. cl. No: 907)	CUM	156.875			
1.2	Providing and laying of hand pack Stone soling with 150 to 200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	CUM	51.46			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.3	Providing and laying of Plain Cement Concrete M 10 (or 1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications.	CUM	13.1205			
1.4	Providing and laying in position machine mixed and machine vibrated cement concrete of mix 1:1.5:3 (1 cement:1.5 sand: 3 coarse aggregate) M20 grade for reinforced cement concrete work using approved cement with 20 mm graded machine crushed stone aggregate of approved quality in various locations and heights including transportation of concrete to site of placing, compaction, finished to required line and level, protection and curing, etc. all complete as per drawings, specifications and the instructions of the Engineer, but excluding the cost of shuttering, and reinforcement.	CUM	40.60			
1.5	Providing and fixing in position Fe 500 steel reinforcement of various diameter confirming to relevant IS code in R.C.C. works including straightening, cutting, bending, binding with GI 20 SWG binding wire for tying the reinforcement bars at each junctions (binding wire shall not be measured separately) including all waste and cut pieces, provision for adequate numbers of spacers, chairs, providing and placing cement mortar (1:1) cover blocks to keep the bars in intended position at all levels all complete as per drawings, specifications and instructions of the Engineer. (Authorized lap length and lapping for the bar length exceeding 10 meter in length shall be measured for the payment, except to column and beam).	KG	1,908.6667			
1.6	Shuttering works including supplying making,fixing removing after concreting works nails & fixtures all complete & hauling upto 30m lead all complete as per instruction of the Engineer.	SQM	18.27			
1.7	Providing and laying Plum concrete (Boulder mixed concrete) including necessary formworks as per Drawing and Specifications(60% M 15 concrete and 40% boulders/stones)	CUM	115.7807			
1.8	Construction of Embankment with Material obtained from Borrow pits, Providing, laying, spreading embankment with borrow material as per Drawing and Technical Specifications.	CUM	49.737			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.9	Providing and Laying Reinforced cement concrete NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications., 900 mm internal dia.(Spec. cl. No: 701)	RM	80.00			

Total Item Price	
VAT (13.00%)	
Grand Total	