Bill of Quantities (BOQ)

Upgrading Works of Gumbapath Arubote Premejung Mangchowk Hattitar I. Na.Pa.Road

IFB No.: 801010307/MJRM/NCB/WORKS /083/084-02

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurance for the damage and loss of works,plants,and vehicles;personal injuries,death of labours,Employees and other third party Insurance	PS	1.00	75,000.00 Seventy-five thousand rupees only.	75,000.00 Seventy-five thousand rupees only.
PS.2	Construction materials test as directed by site Engineer	PS	1.00	20,000.00 Twenty thousand rupees only.	20,000.00 Twenty thousand rupees only.
PS.3	1500 x 1200 mm Size Site information board as specified	PS	1.00	5,000.00 Five thousand rupees only.	5,000.00 Five thousand rupees only.
	Total provisional sums				1,00,000.00 One lakh rupees 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	Clearing grass/ top soil and removal of rubbish up to a distance of 50 meters outside the periphery of the area , including cutting and filling of small undulation.	sqm	4,500.00			
1.2	Road way Excavation in all types of soil as per Drawing and technical specifications including removal of stumps and other deleterious matter, all lifts and lead as per Drawing and instruction of the Engineer. (MECHANICAL MEANS)	cum	1,163.55			
1.3	Earth work in excavation of foundation of structures, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical	cum	278.62			

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)**
1.4	Roadway Excavation in ordinary rock as per Drawing and Technical specification, including all lift and lead as per Drawing and instruction of the Engineer. (Mechanical Means)	cum	169.50			
1.5	Stone pitching/ Soling work on the prepared bedding with filling of voids by granular material/ spalls as per direction of the engineer all complete	cum	190.14			
1.6	"Providing, Preparing and Installing form work including necessary supports and removing after completion for precast element/ all type of structures. Class F3 Finish I) Square/ Rectangular/ Circular Sections/ Verticle surfaces a) Using Timber & Plywood"	sqm	328.31			
1.7	Providing and laying, fitting and placing HYSD/ Mild Steel bar reinforcement in sub-structure complete as per Drawing and Technical Specifications	kg	3,465.99			
1.8	Providing and laying of Plain Cement Concrete M10 (or 1:3:6 for nominal mix) in Foundation complete as per Drawing and Technical Specifications.	cum	1.91			
1.9	Providing and laying of Plain/ Reinforced Cement Concrete (RCC Grade M20) in Foundation complete as per Drawing and Technical Specifications.	cum	40.32			
1.10	"Providing and laying Plum concrete (Boulder mixed concrete) as per Drawing and Specifications A. 60% M 15 concrete and 40% boulders/ stones (Using Mechanical Aids)"	cum	47.63			

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)**
1.11	"Providing mechanically woven double twisted crates/ mattress including rolling, cutting and with lacing wire and binding wire including assembling mechanical woven Gabion boxes /mattresses, placing in position including stretching; forming compartments; tying the sides and diaphragms with binding wire in each mesh; tying with bracing wires and tie wires; and tying down the lid complete as per specification Providing and filling stone/boulder in gabion boxes/mattress etc.. Including dressing, bedding, bonding all complete as per Drawing and Technical Specifications Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 2.7 mm, selvage wire 3.4 mm, lacing wire 2.2 mm"	cum	226.50			
1.12	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.	sqm	115.00			
1.13	Providing and laying granular sub-base on prepared surface, without compaction all complete as per Drawing and Technical Specifications.	cum	69.00			
1.14	Providing and laying granular sub-base with compaction on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications.	cum	624.00			
1.15	Providing and laying of Dry Stone Masonry Work as per Drawing and Technical Specifications.	cum	2.70			
1.16	Providing and Laying Reinforced cement concrete NP3 Flush/ Collar jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications.900 mm Internal Dia.	R.M	30.00			
1.17	Providing and Laying Reinforced cement concrete NP3 Flush/ Collar jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications.450 mm Internal Dia.	R.M	17.50			
1.18	65 mm Dia GI Pipe Medium Duty for Railing complete as per Drawing and Technical Specifications.	R.M	28.00			

Total Item Price	
VAT (13.00%)	
Grand Total	