Bill of Quantities (BOQ)

Upgrading of Ranipauwa Chaturale Dhandfedi Gangate Road, Kakani Rural Municipality, Nuwakot

IFB No.: IDONUWAKOT/W/NCB/1/2083-84

Provisional Sum

SL. No.	Item Description	Unit	Quantity	Unit Rate (NPR)	Amount (NPR)
PS.1	Insurance of works, plants, materials, loss and damage to equipments, Contractor's workmen and employees and third party insurance against damage to other persons and property(GCC 13)	PS	1.00	3,00,000.00 Three lakh rupees only.	3,00,000.00 Three lakh rupees only.
PS.2	Carry out additional tests for material and works as required and instructed by the Project Manager.(GCC 33.1)	PS	1.00	50,000.00 Fifty thousand rupees only.	50,000.00 Fifty thousand rupees only.
PS.3	Reallocation of services and minor infrastructures as per specification and as instructed by the Project Manager(DoR SS 111)	PS	1.00	2,00,000.00 Two lakh rupees only.	2,00,000.00 Two lakh rupees only.
	Total provisional sums				5,50,000.00 Five lakh fifty thousand 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 and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable Material to be used or auctioned, up to a lead of 30 meters including removal and disposal of top organic soil not exceeding 150 mm in thickness.(DoR SS 201)	Sqm.	14,250.00			
1.2	Provide and installation of project information board of size 1.80 m X 1.2 m along with iron posts including excavation, concreting,backfillingetc all complete as per DoR Standard Specification for Road and Bridge Works.(DoR SS 110)	No	2.00			

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)**
1.3	Carry out maintenance of the existing road to keep the road serviceable throughout the contract period as per the specification and as instructed by the Project Manager.(DoR SS 109)	Km-mths	69.60			
1.4	Excavation for roadway and drain in all types of soil and rock materials including removal and satisfactory disposal of all materials upto designated tipping site. (as per DoR- SS-905,908)	Cum	52,152.06			
1.5	Earthwork in excavation of Foundation of structures, including construction of shorring and bracing, removal of stumps and other deleterious matter and backfilling with aproved materials as per drawing and technical specification.(DoR SS 907)	Cum	5,840.40			
1.6	Providing, laying, spreading and compacting embankment with roadway cutting material and compact to the required density as per Drawing and Technical Specifications.(DoR SS 909, 910)	Cum	3,186.66			
1.7	Compacting original ground supporting sub-grade Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers as per Drawing and Technical Specifications.(DoR SS 1003, 1005)	Cum	9,000.00			
1.8	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications.(DoR SS 1201)	Cum	1,350.00			
1.9	Providing and laying of Reinforced cement concrete grade M30/20 in Rigid Pavement and other structures, drain, wall etc. including compaction, curing, testing,formworks all complete all complete as per Drawing and Technical Specification(as per DoR SS:- 2000)	Cum	90.00			
1.10	Providing and laying, fitting and placing HYSD bar reinforcement for Dowel and tie bars and other structures including lap length and wastage complete as per drawing and technical specifications. [DoR SS:2014]	Ton.	1.11			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.11	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.(DoR SS 701): 600 mm diameter	Rm	30.00			
1.12	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.(DoR SS 701): 900mm diameter	Rm	50.00			
1.13	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.(DoR SS 1006)	Cum	447.08			
1.14	Providing and laying of Random Rubble Stone Masonry Work in Cement Mortar 1:6 in Foundation and structure complete as per Drawing and Technical Specifications.(DoR SS 2602,2603,2607)	Cum	1,684.50			
1.15	Providing and laying mechanically woven double twisted crates / mattress consisting of Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selvage wire 3.9 mm, lacing wire 2.4 mm Gabion structure for retaining earth with diaphragm including rolling, cutting , assembling , placing,laying sides and diaphragms with binding wire and filling boulders all complete as per Drawing and Technical Specification. (DoR SS 2402)	Cum	1,062.50			
1.16	Providing and laying Plum concrete (Boulder mixed concrete) including formworks as per Drawing and Specifications 60% M 15 concrete and 40% boulders/stones .(DoR SS 2421)	Cum	315.00			
1.17	Providing and laying of Plain/Reinforced Cement Concrete including formworks in Sub-Structure complete as per Drawing and Technical Specifications.(DoR SS 2000): PCC Grade M10	Cum	118.05			
1.18	Providing and laying of Plain/Reinforced Cement Concrete including formworks in Sub-Structure complete as per Drawing and Technical Specifications.(DoR SS 2000): PCC Grade M15	Cum	180.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.19	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.(DoR SS 2404)	Sqm.	670.00			
1.20	Supplying and erecting traffic sign in place including 50mm dia. Steel tube, 2mm. thick steel plate, cement concrete, painting, writing and supporting steel angle nut and bolit etc. complete: Single Post	Nos.	5.00			
1.21	Providing and installation of 150 mm * 150 mm 1. 5 m long delineators (road way indicators, hazard markers, object markers), 80-100 cm high above ground level, painted black and white in 20 cm wide strips, buried or pressed into the ground and conforming to the drawings and Technical Specifications. (DoR SS 1507)	Nos.	100.00			
1.22	Day works shall be executed only on the written instruction of the Project Manager: Un Skilled labour	Day	50.00			
1.23	Day works shall be executed only on the written instruction of the Project Manager: Skilled labour	Day	25.00			

Total Item Price	
VAT (13.00%)	
Grand Total	