Bill of Quantities (BOQ)

Upgrading of Lamakhor – Pratikshalaya -to Armana Road, Phalewas -5, Parbat

IFB No.: 3370142014/IDOP/NCB/W/02/2083-84

Provisional Sum					
SL. No.	**Item Description**	**Unit**	**Quantity**	**Unit Rate (NPR)**	**Amount (NPR)**
PS.1	Insurance of works, plants, materials, loss and damage to equipment, contractor's workmen and employees and third party insurance against damage to other persons and property as per specifications and instructions of the engineer (GCC 19)	PS	1.00	50,000.00 Fifty thousand rupees only.	50,000.00 Fifty thousand rupees only.
PS.2	Relocation of services and minor infrastructures as per specification and instructions of the engineer (SSRBW 105)	PS	1.00	30,000.00 Thirty thousand rupees only.	30,000.00 Thirty thousand rupees only.
	Total provisional sums				80,000.00 Eighty 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	Roadway excavation in cutting in all types of soil and rock by mechanical means including removal of stumps and other deleterious matter, all complete, all lifts and lead as per drawings, technical specifications and instructions of the engineer (SSRBW 900, 905)	m^3	448.00			
1.2	Earthwork in excavation of foundation of structures in all types of soil an rock by mechanical means, including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved material, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 900, 907)	m^3	288.41			

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	Providing and laying of hand packed stone soling with 150 to 200 mm thick stones and packing with smaller stones on prepared surface as per drawings, technical specifications and instructions of the engineer (SSRBW 1000, 3111)	m^3	24.17			
1.4	Providing and laying of M10 PCC including formworks, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2000)	m^3	0.90			
1.5	Providing and laying of M15 PCC including formworks, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2000)	m^3	10.18			
1.6	Providing and laying of stone masonry work in machine-mixed 1:4 cement sand mortar including providing weep holes, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2600, 2602, 2603, 2607, 3109)	m^3	26.13			
1.7	Providing and laying plum concrete including formworks (60% machine-mixed M15 concrete and 40% boulders / stone) including providing weep holes (not required in drain), all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2400, 2421)	m^3	89.88			
1.8	Providing and laying reinforced cement concrete 600 mm internal diameter NP3 flush jointed Hume pipe for culverts including fixing with cement mortar 1:2, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 700, SSRBW 701)	r.m.	7.50			

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)
1.9	Providing mechanically woven double twisted gabion crates / mattresses including rolling, cutting and with lacing wire and binding wire, assembling them, placing in position including stretching,	m^3	100.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
	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, providing and filling stone / boulder in gabion boxes / mattress etc. including dressing, bedding, bonding, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2400, 2402)					
1.10	Providing, laying and fixing of geo-textile, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2400, 2404)	m^2	60.00			
1.11	Providing and laying of M20 concrete for RCC including formworks, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2000)	m^3	2.00			
1.12	Providing and laying, fitting and placing HYSD reinforcement, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 2000, 2014)	kg	136.97			
1.13	Compacting original ground supporting sub-grade: Loosening of the ground below the sub-grade level, watering, grading and compacting in layers as per drawings, technical specifications and instructions of the engineer (SSRBW 1003, 1005)	m^3	165.00			
1.14	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density by mechanical means, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 1200, 1201)	m^3	165.00			
1.15	Crusher Run Macadam Base: Providing and laying crusher run macadam (45 mm maximum size) on a prepared surface, spreading and mixing, watering and compacting to form a layer of base course by mix in place method, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 1200, 1204)	m^3	165.00			

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SL. No.	**Item Description**	**Unit**	**Quantity**	**Bidder's Rate (NPR)**	**Bidder's Rate (in words)**	**Total Amount (NPR)**
1.16	Providing and applying prime coat with hot bitumen (including cutter) on prepared surface of granular base including cleaning of road surface and spraying, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 1300, 1302)	lit.	990.00			
1.17	Providing and applying tack coat with hot bitumen at specified rate on the prepared non-bituminous surfaces including cleaning as per technical specification, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 1300, 1302)	lit.	660.00			
1.18	Providing and laying open-graded premix carpet of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates as wearing course on a previously prepared base, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 1300, 1311)	m^3	22.00			
1.19	Providing and laying seal coat sealing the voids in a bituminous surface, all complete as per drawings, technical specifications and instructions of the engineer (SSRBW 1300, 1310)	m^2	1,100.00			

Total Item Price	
VAT (13.00%)	
Grand Total	