Bill of Quantities (BOQ)

Bangringphedi-Langurdanda-Langurkhola-Sadak Starounnati Woda No.10

IFB No.: 801032505/TRM/W/NCB/04/2083/084

Provisional Sum

SL. No.	Item Description	Unit	Quantity	Unit Rate (NPR)	Amount (NPR)
PS.1	Provide and installation of project information board of size 1.80 mx1.2 m along with iron posts including excavation, concreting, backfilling etc all complete as per DoR Standard Specification for Road and BridgeWorks (SSRBW) July 2001,Section-110 and as instructed by the Engineer.	PS	1.00	5,000.00 Five thousand rupees only.	5,000.00 Five thousand rupees only.
PS.2	Insurance for the loss of damage to works, plant,material,equipment property and personnel injury or death, including third party insurance as described on Condition of Contract	PS	1.00	94,898.07 Ninety-four thousand eight hundred ninety-eight rupees and seven paisa only.	94,898.07 Ninety-four thousand eight hundred ninety-eight rupees and seven paisa only.
PS.3	Carrying out diferrent laboratory tests of construction material like cement, sand, aggregate, filling materials,concrete cubes etc. during construction work as per specification and direction, preparing reports and submissions all complete.	PS	1.00	59,945.37 Fifty-nine thousand nine hundred forty-five rupees and thirty-seven paisa only.	59,945.37 Fifty-nine thousand nine hundred forty-five rupees and thirty-seven paisa only.
	Total provisional sums				1,59,843.44 One lakh fifty-nine thousand eight hundred forty-three rupees and forty-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	Earthwork Excavation in Cutting: Roadway Excavation in all types of Soil by Mechanical Means 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. [SS 905]	Cu.m.	7,962.975			

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)**
1.2	Earthwork Excavation in Cutting: Roadway Excavation in Ordinary Rock by Mechanical Means 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. [SS 905]	Cu.m.	2,492.25			
1.3	Earthwork Excavation in Cutting: Roadway Excavation in Hard Rock by Mechanical Means 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. [SS 905]	Cu.m.	265.65			
1.4	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 and backfilling with approved Material as per Drawing and Technical Specifications., Depth upto 3 m [SS 907]	Cu.m.	802.335			
1.5	Providing,laying and levelling of hand packed Stone soling with 150mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications and Engineer's Instruction. [SS 2602 , 2603 , 2608]	Cu.m.	131.145			
1.6	Providing and placing machine mixed Plain Cement Concrete M 15(1:2:4) in Foundation bed,Drain bed and footing etc. including installation of formworks, compaction, curing, testing and lead 30m etc. all complete as per Drawing and Technical Specifications and Engineer's instruction. [SS 2000]	Cu.m.	138.96			
1.7	Providing and placing machine mixed Reinforced Cement Concrete M20/20 (1:1.5:3) for structure(Causeway)/Rigid Pavement etc. including installation of formworks, compaction, curing, testing and lead 30m etc. all complete backfilling with approved Material as per Drawing and Technical Specifications and Engineer's instruction. [SS 2000]	Cu.m.	85.90			
1.8	Providing and Laying Plum Concrete (Bolder mixed concrete) Including Formwork as per drawing and specifications , 60% M15 concrete and 40% boulders/stones ,using mechanical Aids [SS3113]	Cu.m.	38.25			

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 and laying of Random rubble stone masonry works in cement mortar 1:6 in foundation/structure as per drawing and technical specifications[SS2600] including scaffolding, curing, including 100mm dia HDPE pipe for weep holes, preparation of mortar and finishing all complete backfilling with approved Material. as specified and directed by the Engineer. [SS 2607].	Cu.m.	464.6525			
1.10	Providing and laying, fitting and placing HYSD bar reinforcement in structure all complete as per drawing and technical specifications. It also includes all devices for keeping reinforcement in approved position and jointing as per approved method with due allowance for wastage, overlaps, spacer bars and annealed steel wire for binding; as specified and directed by the Engineer. [SS 2014]	Kg.	2,455.4804			
1.11	Providing and assembling mechanically woven double twisted crates / Gabion boxes/ mattress (Heavy Zinc coated Hexagonal mesh type 100X120 mm, mesh wire 3 mm, selvedge wire 3.90 mm, lacing wire 2.40 mm) including rolling; cutting and with lacing wire and binding wire; placing in position including stretching; forming compartments; tying with bracing wires and tie wires; and tying down the lid complete and Providing and filling stone/boulder in gabion boxes/mattress etc. including dressing, bedding, bonding,backfilling with approved Material and laying of a geotextile filter through the Gabion inner sides all complete as per drawing and technical specifications. [SS 2402].	Cu.m.	260.00			
1.12	Providing and Laying 1200mm internal diameter Reinforced cement concrete NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications. [SS 701]	R.M.	7.50			
1.13	Providing and Laying 900mm internal diameter Reinforced cement concrete NP3 Flush jointed pipe for culverts including fixing with cement mortar 1:2 as per Drawing and Technical Specifications. [SS 701]	R.M.	10.00			

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)**
1.14	Providing suitable material and Back filling behind abutment, wing wall, return wall & Gabion Box complete as per Drawing and Technical Specifications., Locally available Material, with out watering and compaction by tamping rod [SS 908]	Cu.m.	104.00			
1.15	Removal of unserviceable soil including loading and unloading and disposal upto 1000 meters lead.	Cu.m.	3,073.75			
1.16	Providing and laying 500 gauge plastic sheet including preparation of earth surface through ramming/compaction by labours to required level as per the instruction of engineer all complete.	Sq.m	400.00			

Total Item Price	
VAT (13.00%)	
Grand Total	