



Contract Identification No : RDBHT/33701127/083/84-08

Name of the Work : Upgrading of Chepang Marg (Thori-Bhandara-Lothar-Malekhu) Road, Chitwan

Location of the Work : Chepang Marg (Thori-Bhandara-Lothar-Malekhu) Road, Chitwan Section

BILL OF QUANTITIES

S.N.	Description of Works	Unit	Quantity	Bidder's Rate (NRs.)	Bidder's Rate (in words)	Total (NRs.)
1	General Works					
1.1	Relocation, replacement, Provision and Safeguard of utilities like electric post line, telephone line, temple Relocation, water supply pipe line, sewerage line and unforeseen works etc. as required and instructed by the project manager. [SS 111]	PS	1.00	200,000.00	Two lakh	200,000.00
1.2	Insurance for loss of or damage to works, plant, material, equipment, property and personnel injury or death and third party as per contract data including mobilization, demobilization expenses for manpower, equipment and performance bond commission. (GCC Clause no 13)	LS	1.00			
2	Road Structural Works					
2.1	Earthwork excavation for foundation in Ordinary soils for structures, including construction of shoring and bracing, removal of stumps and other deleterious matter all complete as per technical specifications. [907]	Cum	1214.60			
2.2	Providing, laying and levelling of dry stone soling works in foundation all complete as per Drawing and Technical Specification.[SS 1006]	Cum	63.24			
2.3	Providing and placing machine mixed M15/40 cement concrete for the foundation and footing including compaction, curing, testing for relevant lead etc. all complete as per drawing and Technical Specification. [PCC]	Cum	42.16			
2.4	Providing and Laying Plum Concrete (Boulder Mixed Concrete)as per Drawing and Technical Specifications.[60% 1:2:4 Machine Mixed Concrete and 40% Boulder / Stone] [2412]	Cum	195.60			
2.5	Providing and laying of hexagonal mesh type 100 mm x 120 mm machine made gabion boxes / mattresses with diaphragms, with binding wire 12 swg, mesh wire 10 swg and selvaged wire 8 swg, including rolling, cutting and weaving ; assembling gabion boxes mattresses, piling in position including stretching, forming compartments; tying with bracing and tie wires; tying down the lid complete; and providing and filling stone / boulder in gabion boxes / mattresses etc. including dressing, bedding, bonding and transportation all complete as per technical specification. [2401]	Cum	1045.00			
2.6	Providing, laying and fixing of Geo-textile all complete as per specification. [2404]	Sqm	460.00			
2.7	Road way excavation in all types of soil including removal of stumps and other deleterious matter and disposal upto relevant lift and lead all complete as per drawing and technical specification. [Mechanical Mean][905].	Cum	4691.05			



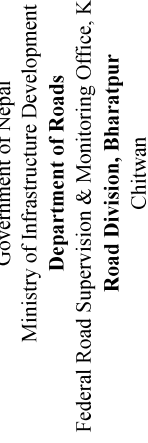
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3	Road Construction Works					
3.1	Loosening of the ground upto a level of 500 mm below the sub-grade level, watered, graded and compacted in layers as per Drawing and Technical Specifications.[Compacting original ground supporting sub-grade]	Cum	1515.00			
3.2	Providing and laying granular sub-base by Mechanical means on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications. (SS 1201)	Cum	1515.00			
3.3	Providing and laying Crusher Run Macadam by mix in place method on a prepared surface, spreading and mixing, watering and compacting to form a layer of Base course of 37.5 mm maximum size aggregate at site as per Drawing and Technical Specifications. [SS 1204]	Cum	1515.00			
3.4	Providing and applying prime coat, with MC 30/70 with hot bitumen (including cutter) on prepared surface of granular base including cleaning of road surface and spraying as per Technical Specification.[Mechanical means] (SS 1302)	Ltr	6817.50			
3.5	Providing and applying tack coat/ bituminous binder with hot bitumen at Specified Rate on the prepared bituminous surfaces including brooming and cleaning by air compressor all complete as per technical specification.[Mechanical Means][SS 1302]	Ltr	3465.69			
3.6	Providing and laying Bituminous concrete/ Asphalt concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler as per Drawing and Technical Specifications. [SS 1309]	Cum	282.80			
3.7	Providing, laying and grading granular sub base material on shoulder by Mechanical means on prepared surface all complete as per instruction of site engineer.	Cum	161.60			
4	Road and Traffic Safety Works					
4.1	Providing and laying of hot applied thermoplastic compound at least 2mm thick including reflectorizing glass beads on Smooth Road Surface as per DoR Traffic Sign Manual/Specifications. The finished surface to be level, uniform and free from streaks and holes.(Both Yellow and White Lines)	Sqm	393.60			
4.2	Providing and fixing of retro- reflectorized warning, Regulatory and informative sign as per specification clause 1501 made of high intensity grade sheeting , fixed over aluminum sheeting. 1.5 mm thick supported on a 50 mm internal dia steel tube or mild steel angle iron post 75 mm x 40 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M 10/40 grade cement concrete 30 cm x 30 cm , 30 cm below ground level or as per Drawing and Technical Specifications.[75 cm height equilateral triangle]	Nos	8.00			



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Signature of Authorised Person:
Name of Authorised Person:
Contractor's Name:
Address and Telephone No.:
Seal:
Date: