



Government of Nepal
Ministry of Infrastructure Development
Department of Roads
Federal Road Supervision & Monitoring Office, Kathmandu
Road Division, Bharatpur
Chitwan



बिर्गमिना प्रमुख

BILL OF QUANTITIES

Contract Identification No : RDBHT/33701138/083/84-10
Name of the Work : Road Rehabilitation and Maintenance Works on Bhimad - Rampur - Mityal - Arunkhola Road (NH68)
Location of the Work : Arunkhola - Mityal Section, Nawalparasi (East)

S.N.	Description of Works	Unit	Quantity	Bidder's Rate (NRs.)	Bidder's Rate (in words)	Total (NRs.)
1	General Works					
1.1	Provisional Sum for relocation of services and repairing for existing infrastructure (Telephone wire, Electric poles & wires, water supply pipes, kulos, Temple Foot staircase, Foot trail etc) and other relevant unforeseen work items as necessitated and instructed by Engineer. [SS-111]	PS	1.00	200,000.00	Two lakh only.	200000.00
1.2	Insurance of works, plants, materials and damage to equipments, Contractor's workmen and employees and third party insurance against damage to other persons and property.	LS	1.00			
2	Road Side Protection Works					
2.1	Earthwork in excavation of foundation of structures in all types of soil by mechanical means , including construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved material as per drawing and technical specifications. [SS 907]	Cum	959.40			
2.2	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.[SS 3111]	Cum	12.75			
2.3	Providing and laying machine mixed Plain Cement Concrete of grade M15/40 in foundation including formworks all complete as per drawing and Technical Specification [SS 2000]	Cum	17.97			
2.4	Providing and laying Random Rubble Stone Masonry work in cement mortar 1:4 in structure including scaffolding, curing, preparation of mortar and providing necessary 75 mm dia polythene pipes for weep holes etc all complete as per Drawing and Technical Specifications [SS 2602/2603,2607]	Cum	151.85			
2.5	Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) including pipes for weep holes & formwork all complete as per Drawing and Technical Specifications. [SS 3113]	Cum	36.00			



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S.N.	Description of Works	Unit	Quantity	Bidder's Rate (NRs.)	Bidder's Rate (in words)	Total (NRs.)
2.6	Supplying of Machine made Heavy Coated Hexagonal Mesh type J00mm x 120 mm Gabion boxes / mattresses of with diaphragms, with Lacing wire 2.4 mm mesh wire 3.0mm and selvedged wire 3.9mm , assembling Gabion Boxes mattresses, palcing in position including stretching, forming compartments; tying with bracing wires and tie wires; tying down the lid complete; and providing and filling stone / boulder in gabion boxes / mattresses etc. including dressing, beding, bonding and all transporation all complete as per specification.[SS- 2402]	Cum	1,601.50			
2.7	Providing, laying and fixing of Geo-textile all complete as per drawing and technical specification. [SS 2404]	Sqm	597.00			
2.8	Providing suitable material and Back filling behind wall with locally available material including compaction by tamping rod (without watering) all complete as per Drawing and Technical Specifications.[SS 908]	Cum	550.00			
3	Pavement Work					
3.1	Scarifying the existing road surface to the required depth and disposal of scarified Material with in all lifts and lead, filling with suitable material, rolling and compacting as per Drawing and Technical Specifications. [SS 1003]	Sqm	420.00			
3.2	Providing and laying machine mixed Plain Cement Concrete of grade M15/40 in foundation including formworks all complete as per drawing and Technical Specification [SS 2000]	Cum	42.00			
3.3	Providing and laying machine mixed cement concrete of grade M35/20 for Rigid Pavement works including formworks, compaction, curing, testing etc. all complete as per specification and drawing [SS 3202]	Cum	105.00			
3.4	Providing and laying , fitting and placing un-coated HYSD bar reinforcement in structure all complete as per drawing and technical specification [SS 2014]	MT	4.43			
4	Road Safety Work					
4.1	Providing and installation of 150 mm * 150 mm* 1. 5 m long delineators, 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.[SS 1507]	Nos	80.00			



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S.N.	Description of Works	Unit	Quantity	Bidder's Rate (NRs.)	Bidder's Rate (in words)	Total (NRs.)
4.2	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m center to center, 1.8 m high, 1.1 m below ground/road level metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per Drawing and Technical Specifications.[SS 1509]	RM	350.00			
5	Day Works					
5.1	Providing and operating Back-Hoe Loader on hourly basis for clearing drains, catchpits, and landslide debris, including fuel, lubricants, operator wages, and all operational expenses, as per the instructions of the Engineer.	Hours	120.00			
5.2	Providing and operating Tractor with Trolley on hourly basis for transporting excavated debris material to designated disposal sites, including fuel, lubricants, operator wages, and all operational expenses, as per the instructions of the Engineer.	Hours	60.00			
				Total without PS		
				VAT @ 13%		
				PS		
				Grand Total with VAT & PS		

Signature of Authorised Person:

Name of Authorised Person:

Contractor's Name:

Address and Telephone No.:

Seal:

Date: