

Government of Nepal
Ministry of Infrastructure Development
Department Of Roads
Federal Highway Monitoring & Supervision Office,Surkhet
Road Division Baitadi

BILL OF QUANTITY

Project Name:- Upgrading of Road with Pavement, Structure and Drainage Works in Khodpe -Bitthad Section (CH 0+000-29+590) of Khodpe -Chainpur Highway (NH-64)

Contract Identification Number:-RDBTD/33701138/2083/84-10

S.No.	Item Description	Unit	Quantity	Rate(NRs)	Rate(NRs) In Words	Amount(NRs)
1.0	Provisional Sum					
1.1	Insurance for the (a) loss or damage to the Works, Plant, and Materials,Equipment,Property and Personnel Injury or death ; as per SCC 19.1 [SS 100]	PS	1.00	120,000.00	One Lakh Twenty Thousand Only	120,000.00
1.2	Relocation of public service utilities, minor infrastructures, irrigation canals, existing electric poles,water supply,engineer's facilities etc. as directed by Project Manager.	PS	1.00	100,000.00	One Lakh Only	100,000.00
2.0	General Works					
2.1	Clearance of debris (accumulated by landslide) from roadway, causeway, culverts and side drain at various chainage including haulage and disposal within appropriate lead during contract duration as per Engineer's instruction					
	A.Wheeled Loader /Backhoe	Hr	100			
	B.Tipper	Hr	40			
3.0	Structure & Drainage Works					
3.1	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. [SS 907]	Cu.m.	980.46			
3.2	Providing and laying of hand pack Stone soling with 150-200 mm thick stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications. [SS 3111]	Cu.m.	138.07			
3.3	Providing and laying Plum concrete masonry works 60% M15/40 concrete and 40% rubble stones including formwork with necessary weep holes all complete as per drawing and technical specification [SS 3113]	Cu.m.	595.31			
3.4	Providing and laying of Plain/Reinforced Cement Concrete of grade M15/40 including necessary formworks,compaction ,curing and testing all complete as per drawing and technical Specifications.[SS 2000]	Cu.m.	128.40			

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S.No.	Item Description	Unit	Quantity	Rate(NRs)	Rate(NRs) In Words	Amount(NRs)
3.5	Providing and laying mechanical woven Gabion boxes /mattresses, placing in position including stretching; forming compartments; tying the sides and diaphragms with binding wire in each mesh; tying with bracing wires and tie wires, tying down the lid and filling stone/boulder in gabion boxes/mattress etc.. Including dressing, bedding, bonding all complete as per Drawing and Technical Specifications. (Heavy zinc coated Hexagonal mesh type 100 mm x 120 mm, mesh wire 3 mm, selva wire 3.9 mm, lacing wire 2.4 mm). [SS 2402]	Cu.m.	352.50			
3.6	Laying and fixing of Geo-Textile all complete as per specification., Providing and laying and fixing of Geo-membrane all complete as per specification.[SS 2404]	Sq.m.	210.00			
3.7	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., 600 mm internal dia [SS701].	Rm	12.50			
4.0	Pavement Works					
4.1	Scarifying the existing road surface upto a depth of 300 mm below the road surface level, watered, graded ,compacted in layers and disposal of scarified Material with in all lifts and lead as per Drawing and Technical Specification.[SS 1003]	Sq.m.	8,485.00			
4.2	Providing and laying granular sub-base (Table 12.1 Grading V) on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications.[SS1201]	Cu.m.	1,079.25			
4.3	Providing and laying Crusher Run Macadam (Table 12.8, 37.5mm Nominal Size) on a prepared surface, spreading and mixing , watering and compacting to form a layer of Base course as per Drawing and Technical Specifications. [SS 1204]	Cu.m.	1,272.75			
4.4	Providing and applying prime coat with Hot Bitumen MC 30/70 (including cutter) on prepared surface of granular base including cleaning of road surface and spraying at specified rate as per Technical Specification [SS 1302]	Ltr	7,501.40			
4.5	Providing and applying tack coat with hot bitumen [VG-10] on the prepared surfaces including cleaning as per Technical Speciation. [SS 1302]	Ltr	4,792.49			

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S.No.	Item Description	Unit	Quantity	Rate(NRs)	Rate(NRs) In Words	Amount(NRs)
4.6	Providing and laying [20mm] thick close graded premix surface as wearing course as per direction of engineer, the technical specification and Drawings [Table 13.35 Type A, SS 1310]	Sq.m.	9,757.75			
Total Including PS						
PS						
Total Excluding PS						
VAT @ 13%						
Total including PS & VAT						