

Government of Nepal
Ministry of Infrastructure Development
Department of Road
Federal Highway Supervision and Monitoring Office, Damak
Division Road Lahan
Abstract of Cost

Name of Project :- Road upgrading works at Madar Choharwa, Golbazar Siraha Sanghure Udaypur, Mirchaiya - Katari -Ghurmi, Hilepani - Okhaldhunga saleri sadak (Golbazar siraha Sanghure) NH20

Location :- At Ch. 7+500 to Ch. 15+000 along Golbazar - Jamadah - Saghure- Madhyapahadi Rajmarg

Chainage :- Ch. 7+500 to Ch. 15+000

Budget Head :- RDLHN/33701138/083/084-22

F/Y : 083/84

S.N.	Description of works	Unit	Quantity	Rate In Words, (NRs)	Rate In Figure, (NRs)	Amount (NRs)	Remarks
1	Provisional Sum						
1.1	Provisional sum for relocation of services and repairing for existing infrastructure (telephone, Electric pole, water supply pipes, kulo temple, foot staircase and etc) Reconstruction Of public Infrastructure, Environmental mitigation, social works and Other relevant Unforeseen Work items as necessitated and instructed by engineer. [SP 100]	PS	1.00	2,00,000.00	Two Lakhs Only	2,00,000.00	
1.2	Insurance for the loss of damage to works, plant, material, equipment, property and personnel injury or death and third party as per condition of contract.	PS	1.00	2,00,000.00	Two Lakhs Only	2,00,000.00	
2	General Item						
2.1	Supplying and erecting Project sign board (1.8m X 1.2m) including 50 mm dia steel tube, 2 mm thick steel plate, cement concrete, Double painting, writing and supporting steel angle nut and bolt etc. all complete [SS/SP-1500]	No	1.00				
3	Earthwork						
3.1	Roadway excavation in all types of soil including Ordinary Rock and Hard Rock as per Drawing and Technical Specification including removal of stumps and other deleterious matter, all lift and leads as per Drawing and Instruction of the Engineer. (SS 905)	Cum	20000.00				
3.2	Clearing and Disposal of landslides, debris etc up to suitable lead as per directed by engineer (SS 907)	Cum	18000.00				
4	Road structure works (Retaining wall and Breast wall)						

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S.N.	Description of works	Unit	Quantity	Rate In Words, (NRs)	Rate In Figure, (NRs)	Amount (NRs)	Remarks
4.1	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.	Cum	1187.40				
4.2	Providing, laying and levelling of dry stone soling works in the foundation all complete. as per Drawing and Technical Specifications.[Old Norms 2041 (1st ammendment 2050)]	Cum	58.47				
4.3	Providing and laying of plain cement concrete machine mixed M15/40 for the Structure/Drain etc. including F2 Finishing form work, compaction, curing, testing and relevant lead . etc. all complete as per Drawing and Technical specification. [2000]	Cum	17.48				
4.4	Providing and placing plum-concrete with 60% M 15/40 concrete and 40% boulders/stones including providing necessary pipes for weepholes as per specification. relevant lead & lift using concrete mixer and vibrator, including necessary F2 Finishing formworks. [2421]	cum	638.24				

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S.N.	Description of works	Unit	Quantity	Rate In Words, (NRs)	Rate In Figure, (NRs)	Amount (NRs)	Remarks
4.5	Providing and Laying RCC 900mm dia NP3 Flush jointed pipe for culvert including fixing with cement mortar 1:2 as per drawing and technical specifications. (SS 701)	Rm	50.00				
4.6	Supply of Machine Made Gabion boxes / mattresses with diaphragms including rolling, cutting and weaving as per specification. Including Providing and filling stone / boulder in gabion boxes / mattress etc. including dressing, bedding, bonding and all transportation as per Specification.Hexagonal mesh type 100mmx120mm using hexagonal Mesh wire -3mm (0.0615 kg/m) & selvedge wire -3.9mm(0.1057kg/m) and Binding wire 12 SWG Box of different sizes as per requirements. (SS 2402)	cum	1654.00				
4.7	Providing and laying of a geotextile filter between pitching and embankment slopes as per Drawing and Technical Specifications.	sqm	725.00				
5	Drain works						
5.1	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.	m3	1323.00				
5.2	Providing, laying and levelling of dry stone soling works in the foundation all complete. as per Drawing and Technical Specifications.[Old Norms 2041 (1st ammendment 2050)]	m3	283.50				
5.3	Providing and laying of plain cement concrete machine mixed M15/40 for the Structure/Drain etc. including F2 Finishing form work, compaction, curing, testing and relevant lead . etc. all complete as per Drawing and Technical specification. [2000]	m3	283.50				

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5.4	Providing and placing plum-concrete with 60% M 15/40 concrete and 40% boulders/stones including providing necessary pipes for weepholes as per specification. relevant lead & lift using concrete mixer and vibrator, including necessary F2 Finishing formworks. [2421]	m3	495.00				
6.0	Pavement works						
6.1	Loosening of the ground upto a level of 500mm below the sub-grade level , watering, graded and compacted in layers as per Drawing and Technical Specification (compacting orginal ground supporting sub-grade)(Sc1003/1005)	m3	2625.00				
6.2	Providing and laying granular sub-base on prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per Drawing and Technical Specifications.(SC 1201)	m3	3500.00				
Total With PS amount							
PS amount							
Total Without PS amount							
VAT @13%							
Total including PS, VAT & Contingency							