

Government of Nepal
Ministry of Infrastructure Development
Department of Roads
Federal Road Supervision and Monitoring Office, Itahari
Road Division, Lahan, Siraha
BILL OF QUANTITY

Name of the project : Road safety works at Rajbiraj sakhada mode and Hulaki Rajmarga Road at Rajbiraj - malahaniya section, (ch143+440 to 168+440)

Name of Road:- Rajbiraj sakhada mode and Hulaki Rajmarga Road at Rajbiraj - malahaniya section, (ch143+440 to 168+440)

Contract
No. RDLHN/33701136/083/84-23

Chainage : Rajbiraj sakhada mode (ch11+000 to 12+000) & Hulaki rajmarg (ch 146+740 to 147+240)

Item No.	Description of Item	Unit	Quantity	Rate In Words(Nrs)	Rate In Figures(Nrs)	Amount (Nrs)
1	PART 01: GENERAL					
1.2	Insurance for the loss or damage to works, plant, material, equipment property and personnel injury or death, including third party insurance as described on Condition of Contract (SS/SP-100).	PS	1.00	180000.00	One Lakhs Eighty Thousands Only	180000.00
1.3	Relocation of services like telephone and electric poles and cables, water supply line, sanitary line, cutting of trees / minor infrastructures, Dismantling of existing structure, Engineer's facilities, Office Quatar's Maintenaces, DOR office vehicles maintenances works etc as per specifications and instruction of the Engineer [SS 111]	PS	1.00	500000.00	Five Lakhs Only	500000.00
	Total Part 01					680000.00
2	PART 02: EARTHWORK					
2.1	Providing and installation of project signboards with the size of 1.8 x 1.2 m as per specification and instruction of engineer [SS 110]	Nos	1.00			
2.2	Earthwork excavation of foundation in ordinary soils of structures, including the construction of shoring and bracing, removal of stumps and other deleterious matter and backfilling with approved Material as per Drawing and Technical Specifications by Mechanical Means[SS 909,919]	Cum	682.50			
2.3	from Roadway Cutting/borrow pit, Providing, laying, spreading, and compacting embankment to the required Density with roadway cutting material/borrow pit material and compact to the required density as per Drawing and Technical Specifications. (CBR of Borrow Material shall not be less than 6%) [SS 909,910]	Cum	5440.00			

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	Total Part 02					
3	PART 03: STRUCTURES (STABILITY, CROSS DRAINAGE AND SIDE DRAINAGE)					
3.1	Providing and laying of plain cement concrete machine mixed M15/40 for the Structure/Drain etc. including F2 Finishing formwork, compaction, curing, testing, and relevant lead. etc. all complete as per Drawing and Technical specifications. [2000]	Cum	130.00			
3.2	Providing and laying of Reinforced Cement Concrete (pre-cast/Cast- in-situ)of grade M 20/20 for foundation including necessary formwork as required all complete as per Drawing and Technical Specifications. [2000]	Cum	589.00			
3.3	Providing laying, fitting, and placing un-coated Mild steel/HYSD reinforcement for foundation including cutting, bending, shifting to the site, etc. all complete as per specification and drawing. [2000]	mt	28.25			
3.4	Providing and laying , fitting and placing 50mm dia.GI steel pipe for hanging hole complete as per drawing and technical specification.	RM	512.00			
3.5	Providing and laying of precast M35, 60 mm Rectangular Colour interlocking paver block footpath over 50 mm thick stone dust, all complete as per Drawing and Technical Specifications. {DUDBC}	Sqm	1640.00			
3.6	Providing, jointing and laying HDPE pipes with or without collar etc. complete in place as per Drawing and Technical Specifications.(a) 110 mm/125 mm outer dia.)	rm	160.00			

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Item No.	Description of Item	Unit	Quantity	Rate In Words(Nrs)	Rate In Figures(Nrs)	Amount (Nrs)
3.7	Providing and Painting two coats after filling the surface with synthetic enamel paint in all shades on concrete/ plaster surfaces as per Drawing and Technical Specifications. (SP/SS 1501)	Sqm	1840.00			
	Total Part 03					
4	PART 04: PAVEMENT WORKS					
	Sub-base					
4.1	Loosening, leveling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve dry density as per Drawing and Technical Specifications.	Sqm	2800.00			
4.2	Providing and laying granular sub-base (Grading V) on the prepared surface, mixing at OMC, and compacting to achieve the desired density, complete as per drawing and Technical Specification by Mechanical means.[SS1201]	Cum	420.00			
4.3	Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of Sub- base /Base course as per drawing and technical specifications.{1204}	Cum	390.00			
	Total Part 04					
	(I) Total With PS (Part 01 to Part 04)					

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				PS Amount		
				(II) Total Without PS (Part 01 to Part 04)		
				(IV) VAT (13% of II)		
				(V) Grand Total		