

Udayapurgadhi Rural Municipality
Office of Rural Municipal Executive
Udayapurgadhi, Udayapur
Koshi Pradesh

Bill of Quantities (BOO)

Name of project: Construction and Upgrading of Nepaltar-Udayapurgadhi Durbar Sadak Blacktop (Ch 4+500 to 6+000 km, Ch 8+000 to 9+750 km)

Contract No. URM/NCB/Works/02-2083/84

Location: Udayapurgadhi RM 5



1 of 688
F/Y:2083/084

S.N	Description of Items	Unit	Quantity	Rate		Amount	Remarks
A	Provisional Works			In Figure	In Words		
1	Insurance for loss or damage to works, plants, material, equipment property, personnel and for third party personnel injury or death .	PS	1.00	207,290.58	Two Lakh Seven Thousand Two Hundred Ninety Rupees and Fifty Eight Paise Only	207,290.58	
2	Providing and installation of Project Sign Boards as per specification and instruction of Engineers.	Nos	1.00	5,000.00	Five Thousand Only	5,000.00	
3	Carryout additional tests for material and works as required and instructed by the engineer. (SP)	PS	1.00	120,000.00	One Lakh Twenty Thousand Only	120,000.00	
4	PS for relocation of services and repairing of existing infrastructure(Electric Pole and wires, water supply pipes, hume pipes, canals, foot trails etc), reconstruction of public infrastructure and road diversion works (gravelling, earthwork etc.)	PS	1.00	100,000.00	One Lakh Only	100,000.00	
				Total -A		432,290.58	
B	Civil Works						
1	Roadway excavation in all types of soil by Mechanical means as per drawing and technical specifications including removal of stumps and other deterious matter, all lifts as per drawing and instructions of the Engineer	Cum.	3133.50				
2	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. Ordinary soil by Mechanical means upto 3m depth. (SS/SP-907)	Cum	640.37				
3	Compacting orginal ground supporting sub grade loosening of the ground up to a level of 150 mm below the subgrade level,watered,graded and compacted in layers as per drawing and technical specification. (SS/SP-1003,1005)	Sqm.	8339.50				
4	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. By mechanical means. (SS/SP-1201)	Cum	1642.68				

Prepared By:

Checked By:

Approved By :

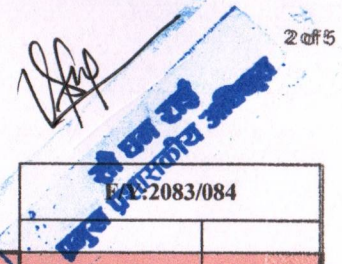
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5	Crusher Run Macadam Base. Providing and laying Crusher Run Macadam on a prepared surface, spreading and mixing, watering and compacting to form a layer of sub-base/Base course as per Drawing and Technical Specifications. By Mix in place method. ii) for 45mm maximum size (SS/SP-1204)	Cum	1013.27				
6	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 by mechanical means as per Technical specification. (SS/SP-1300)	lit	8523.80				
7	Providing and applying Tack Coat with hot Bitumen By Mechanical Means at specified rate on the prepared bituminous surfaces including cleaning as per Technical Specification .. (SS/SP1300)	lit	4891.92				
8	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,(1309)	cum	326.13				
9	Road Marking with Hot Applied Thermoplastic Compound with Reflectorizing Glass Beads on Bituminous Surface On rough surface (similar to surface dressing) Providing and laying of hot applied thermoplastic compound at least 2 mm thick including reflectorizing glass beads as per DOR Traffic sign manual/ Specifications .The finished surface to be level, uniform and free from streaks and holes. (SS/SP-1504)	Sqm.	360.90				
10	Providing, laying and levelling of Dry Stone Soling works in the foundation all complete. (SS-old norms-2048)	cum	114.37				

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S.N	Description of Items	Unit	Quantity	Rate		Amount	Remarks
				In Figure	In Words		
A	Provisional Works						
11	Providing and laying of Plain/Reinforced Cement Concrete in Foundation complete as per Drawing and Technical Specifications with form works, curing. PCC Grade M 15, (SS/SP-2000)	cum	76.85				
12	Providing and Laying of Stone masonry Work in Cement Mortar 1:4 in wall all complete as per drawing and technical specifications	Cum	29.01				
13	Providing and laying Plum concrete (Boulder mixed concrete) as per Drawing and Specifications. 60% M15 concrete and 40% boulders/stones. By Mechanical means including HDP pipes,scaffolding works all complete as per specification. (SS/SP-2421)	cum	341.68				
14	Providing and laying of Plain/Reinforced Cement Concrete in Foundation complete as per Drawing and Technical Specifications. RCC Grade M20 Mechanical mixed including Formworks. (SS/SP-2000)	cum	90.00				
15	Providing and laying , fitting and placing HYSD reinforcement complete in foundation as per drawing and technical specification (SS/SP-2014)	KG	2399.63				

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S.N	Description of Items	Unit	Quantity	Rate		Amount	Remarks
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A	Provisional Works						
20	Providing, preparing and installing formwork including necessary supports and removing after completion for drain works.	Sqm.	1574.50				
21	Dayworks : Work shall only be executed as Day works only under the written instructions of the engineer. The rates inserted shall include all costs of labour such as insurance, accommodation, travelling, hand tools, supervision, overhead and profits. Unskilled Labour	Md	35.00				
22	Loose Gravel/River bed material	Cum	60.00				
Sub Total of B							
VAT 13%							
Total with VAT							
Total of PS							
Grand Total							
Name of Firm:			Signature:				
Name of Proprietor:			Stamp:				

Prepared By:

Checked By:

Approved By: