



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



सिंहदरबार
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BILL OF QUANTITIES

Contract Identification No : RDBHT/33701138/083/84-05

Name of the Work : Construction of Culverts in Mahanagar Ringroad (NH77), Chitwan

Location of the Work : Bharatpur-27, Chitwan

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 Installation of Environmental Mitigation measures identified and other unforeseen measures during the construction period. Relocation of services and repairing for existing infrastructure (water supply pipes,kulos, Foot trail etc), reconstruction of public infrastructure & Social works(trunk root) etc. as per engineer's instruction.	PS	1.00	100000.00	One Lakhs Rupees Only	100000.00
1.2	Insurance for loss of or damage to works, plant, material, equipment, property and personnel injury or death and third party as per contract data including mobilization, demobilization expenses for manpower, equipment and performance bond commission. (GCC Clause no 13)	LS	1.00			
1.3	Traffic flow management either by diversion or controlled access with the help of traffic police and /or trained personnel; by providing traffic safety and personnel safety,assurance by announcements through public media etc. and safety management with supply of retro reflective jackets, helmets etc. to contractor's and employer's staffs during working period [104]	LS	1.00			
2	Slab Culvert Works					
2.1	Dismantling Mechanically of existing structures culverts, including scaffolding wherever necessary, sorting the dismantled Material, disposal of unserviceable Material and stacking the serviceable Material with all lifts and lead of 1000 meters. Cement Concrete Grade M-15 & M-20.	m3	4.60			



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2.2	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. all types soil by Mechanical means upto 3m depth(900)	m3	495.53			
2.3	Providing and laying of hand pack Stone soling with stones and packing with smaller stone on prepared surface as per Drawing and Technical Specifications.	m3	32.25			
2.4	Providing and laying of Plain Cement Concrete M10/40 in Foundation including formworks and all complete as per Technical specification and drawing.	m3	64.84			
2.5	Providing and laying Plum Concrete mixing of 60% M15 concrete and 40% boulder/stones (Boulder mixed concrete) including formworks, pipes for weep holes etc all complete as per Drawing and Technical Specifications. (Mechanical Means)	m3	189.20			
2.6	Providing and laying of Plain/Reinforced Cement Concrete including formworks and complete as per Drawing and Technical Specifications. RCC Grade M 25/20(2000)	m3	57.70			
2.7	Providing and laying , fitting and placing un-coated Mild steel / HYSD reinforcement complete in foundation as per drawing and technical specification.	MT	3.93			
2.8	Providing suitable material and Back filling with Granular Material behind abutment, wing wall and return wall complete as per Drawing and Technical Specifications.(900)	m3	35.77			



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2.9	Providing, assembling and laying mechanically woven heavily zinc coated, double twisted 100 mm X 120 mm hexagonal mesh type gabion structure (mesh wire 3 mm, selvaige wire 3.9 mm, lacing wire 2.4 mm) for retaining earth including stretching, forming 2.9 compartments; tying the sides and diaphragms with binding wire in each mesh; tying with bracing wires and tie wires; filling stone/boulder in gabion boxes/mattress including dressing, bedding, bonding and tying down the lid all complete as per specifications. [SS-2402]	m3	100.00			
2.10	Providing, laying and fixing of Geo-textile all complete as per specification. [2404]	sqm	80.00			
				Total (A)		
				Total PS (B)		100000.00
				Total Amount without PS (C)=A-B		
				VAT (D) =13% of C		
				Grand Total with VAT = (B+C+D)		

Signature of Authorised Person:

Name of Authorised Person:

Contractor's Name:

Address and Telephone No.:

Seal:

Date: