

Mondol Traders

Priced Bill of Quantities (BOQ)

Unit Rate Basis

Estimate by the Procuring Entity

Item No.	Group	Item Code (If any)	Description of Items of Works (specifications preferably built-in)	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	I have seen
1	-	N/A	Dismantling of bituminous pavement of any thickness including arrangement of all safety measures and removal of derbies to a safe place etc. complete as per direction of the Engineer in charge.	nos	33.000	1743.999	One Thousand Seven Hundred and Forty-Three point Nine Nine	57551.967	Fifty-Seven Thousand Five Hundred and Fifty-One point Nine Six Seven	I have seen
2	-	N/A	Dismantling of Manhole cover and making out from slab doing no extra damage to slab all other work complete as per direction of the Engineer in charge.	nos	33.000	1798.499	One Thousand Seven Hundred and Ninety-Eight point Four Nine Nine	59350.467	Fifty-Nine Thousand Three Hundred and Fifty point Four Six Seven	I have seen
3	-	N/A	25 mm thick compacted pre-mixed bituminous carpeting with 12 mm down graded stone-chips (having LAA value $\leq 30\%$, water absorption not greater than 2%, flakiness index not greater than 35) of gradation as specified @ 0.34 cum of stone chips mixed with 23 kg heated bitumen of 60/70 penetration grade heated straight run bitumen satisfying the requirements of ASTM/AASHTO. Bitumen content % by wt. of total is 4.5% to 5.50% or as determined by job mix design. The bitumen and stone-chips shall be separately heated to a temperature of 140°C ? 155°C and 150°C ? 170°C respectively before mixing. The mixing shall be done at temperature between 140°C ? 160°C at a separate place away from the fire. The bitumen and stone-chips mixture shall be laid uniformly over 10 sqm of surface in proper camber, grade and super-elevation only on the prepared and accepted base or surface in a single appropriate layer to give the specified compacted thickness. The mixture should be rolled with appropriate steel drum roller (3-5 tons) & pneumatic multiple tire roller (8-10 tons) to full compaction. The rolling temperature shall be maintained not below 90°C including supplying of all materials, their carriage, labourers, tools and equipment etc. all complete as per direction of the Engineer-in-charge. (In order to achieve the specified grading a blending of nominal maximum size of 20 mm, 12 mm crushed stone chips and stone dust is suggested and proportion will have to be determined by the laboratory analysis)	sqm	18.050	600.001	Six Hundred point Zero Zero One	10830.018	Ten Thousand Eight Hundred and Thirty point Zero One Eight	I have seen
4	-	N/A	Mass concrete (1:2:4) in refixing of manhole cover to the same slab with cement, sand (F.M. 1.2) and picked jhama chips including breaking chips, screening, mixing, laying, compacting to levels and curing for at least 7 days including the supply of water, electricity and other charges and costs of tools and plants etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-	cum	3.760	10504.001	Ten Thousand Five Hundred and Four point Zero Zero One	39495.044	Thirty-Nine Thousand Four Hundred and Ninety-Five point Zero Four Four	I have seen

			M)Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2.							
5	-	N/A	Reinforced cement concrete works using wooden shutter with minimum cement content relates to mix ratio 1:1.5:3 having minimum f _{cr} = 26 Mpa, and satisfying a specified compressive strength f _{cc} = 21 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & Cement conforming to BDS EN-197-1- CEM 1 (32.5 to 52.5 N) / ASTM-C 150 Type ? I, best quality Sylhet sand or coarse sand [F.M. 2.2] and 20 mm down well graded picked jhama brick chips conforming to ASTM C-33, including breaking chips and screening, making, placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hopper and fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least for 28 days, removing centering-shuttering including cost of water, electricity, testing and other charges etc. all complete approved and accepted by the Engineer -in-Charge.	cum	8.070	14128.001	Fourteen Thousand One Hundred and Twenty-Eight point Zero Zero One	114012.968	One Lakh Fourteen Thousand AND Twelve point Nine Six Eight	I have seen
6	-	N/A	Formwork /shuttering	sqm	66.810	587.001	Five Hundred and Eighty-Seven point Zero Zero One	39217.537	Thirty-Nine Thousand Two Hundred and Seventeen point Five Three Seven	I have seen
7	-	N/A	Grade 300 (RB 300: Complying BDS ISO 6935-2:2006) ribbed or deformed bar with minimum fy = 300 MPa & tensile strength at least 314 Mpa	kg	641.300	121.001	One Hundred and Twenty-One point Zero Zero One	77597.941	Seventy-Seven Thousand Five Hundred and Ninety-Seven point Nine Four One	I have seen
8	-	N/A	Special type of works like Lathe machine works, providing center lines, leveling, ramming and preparing the base, fixing bamboo spikes and marking layout with chalk powder,providing necessary tools and plants, protectingand maintaining the trench dry etc.stackng,cleaing the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer.	nos	33.000	1395.199	One Thousand Three Hundred and Ninety-Five point One Nine Nine	46041.567	Forty-Six Thousand AND Forty-One point Five Six Seven	I have seen
9	-	N/A	Carrying debris and all materials by rent van including all necessary equipment arragment by the contractor . All complete approved and accepted by the Engineer.	item	33.000	1634.999	One Thousand Six Hundred and Thirty-Four point Nine Nine Nine	53954.967	Fifty-Three Thousand Nine Hundred and Fifty-Four point Nine Six Seven	I have seen
							Grand Total:	498052.476	Four Lakh Ninety-Eight Thousand AND Fifty-Two point Four Seven Six	

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Tenderer's Quoted Price

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Total Estimated Cost (BDT)	Percentage (-5% to +5%)	Offered Amount (in figures) (BDT)	Offered Amount (in words) (BDT)
498052.476	-5.000	473149.852	Four Lakh Seventy-Three Thousand One Hundred and Forty-Nine point Eight Five Two
	Grand Total:	473149.852	Four Lakh Seventy-Three Thousand One Hundred and Forty-Nine point Eight Five Two

This Tenderer's Quoted Price is Electronically Signed by Mr. Md Altaf Mondol on behalf of Mondol Traders