

Ranu Enterprise

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.	P/Nos	26.000	1743.999	One Thousand Seven Hundred And Forty-Three Point Nine Nine Nine	45343.974	Forty-Five Thousand Three Hundred And Forty-Three Point Nine Seven Four	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.	P/Nos	30.000	2030.001	Two Thousand And Thirty Point Zero Zero One	60900.030	Sixty Thousand Nine Hundred Point Zero Three	I have seen
3	-	N/A	Bailing out of water caused inundation or rain dewatering arrangement at the different chambers to pump out the water deposited in the chamber and keep the chamber completely dry during cleaning work etc.	P/days	26.000	1798.499	One Thousand Seven Hundred And Ninety-Eight Point Four Nine Nine	46760.974	Forty-Six Thousand Seven Hundred And Sixty Point Nine Seven Four	I have seen
4	-	N/A	25 mm thick compacted pre-mixed bituminous carpeting with 12 mm down graded stone-chips (having LAA value < = 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)	P/sqm	18.050	437.001	Four Hundred And Thirty-Seven Point Zero Zero One	7887.868	Seven Thousand Eight Hundred And Eighty-Seven Point Eight Six Eight	I have seen
5	-	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	P/Cum	3.980	7643.001	Seven Thousand Six Hundred And Forty-Three Point	30419.143	Thirty Thousand Four Hundred And Nineteen	I have seen

			plants etc. all complete and accepted by the Engineer. (Cement: CEM-II/A-M) Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1:2.				Zero Zero One		Point One Four Three	
6	-	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 $f_{c'} = 21$ 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. Concrete	P/Cum	9.950	11817.001	Eleven Thousand Eight Hundred And Seventeen Point Zero Zero One	117579.159	One Lakh Seventeen Thousand Five Hundred And Seventy-Nine Point One Five Nine	I have seen
7	-	N/A	Formwork /shuttering	P/sqm	78.240	456.001	Four Hundred And Fifty-Six Point Zero Zero One	35677.518	Thirty-Five Thousand Six Hundred And Seventy-Seven Point Five One Eight	I have seen
8	-	N/A	Grade 300 (RB 300: Complying BDS ISO 6935-2:2006) ribbed or deformed bar with minimum $f_y = 300$ MPa & tensile strength at least 314 Mpa	P/kg	916.106	82.001	Eighty-Two Point Zero Zero One	75121.608	Seventy-Five Thousand One Hundred And Twenty-One Point Six Zero Eight	I have seen
9	-	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, protecting and maintaining the trench dry etc. stacking, cleaning the excavated earth at a safe distance out of the area enclosed by the layout etc. all complete and accepted by the Engineer.	P/Nos	26.000	1395.199	One Thousand Three Hundred And Ninety-Five Point One Nine Nine	36275.174	Thirty-Six Thousand Two Hundred And Seventy-Five Point One Seven Four	I have seen
10	-	N/A	Carrying debris and all materials by rent van including all necessary equipment arrangement by the contractor. All complete approved and accepted by the Engineer.	P/Item	26.000	1634.999	One Thousand Six Hundred And Thirty-Four Point Nine Nine Nine	42509.974	Forty-Two Thousand Five Hundred And Nine Point Nine Seven Four	I have seen
							Grand Total:	498475.422	Four Lakh Ninety-Eight Thousand Four Hundred And Seventy-Five Point Four Two Two	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Syed Mahbub Khokon on behalf of Ranu Enterprise

Ranu Enterprise**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)
498475.422	-5.000	473551.650	Four Lakh Seventy-Three Thousand Five Hundred And Fifty-One Point Six Five
	Grand Total:	473551.650	Four Lakh Seventy-Three Thousand Five Hundred And Fifty-One Point Six Five

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