

Section 6. Bill of Quantities

Bill of Quantities

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Item no.	Group	Item Code (if any)	Description of Item	Measurement Unit	Quantity	Unit Price (In figures: BDT)	Unit Price (In words: BDT)	Total Price (In figures: BDT)	Total Price (In words: BDT)
1	-	N/A	Dismantling of R.C.C. beam, lintel, column, drop wall, sun shade from any height and removal of debris to a safe distance.	cum	2.236	3000.001	Three Thousand point Zero Zero One	6708.002	Six Thousand Seven Hundred and Eight point Zero Zero Two
2	-	N/A	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in medium stiff clayey soil.	cum	0.490	200.001	Two Hundred point Zero Zero One	98.000	Ninety-Eight
3	-	N/A	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1:2 having minimum f _{cr} = 50 Mpa, satisfying a specified compressive strength f _c = 40 MPa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type ? I, and adding approved high range water reducing admixture of complying specific type (generally be Type-G) under ASTM-C 494, best quality coarse sand [Sylhet sand or coarse sand of equivalent F.M. 2.2], 20 mm down well graded crushed stone chips conforming to ASTM C-33 (Aggregate grading as per table shown in technical specification), conducting necessary tests, making and placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing with standard mixer machine with hopper and fed by standard measuring boxes, casting in forms, compacting by vibrator machine and curing at least	cum	3.350	16000.001	Sixteen Thousand point Zero Zero One	53600.003	Fifty-Three Thousand Six Hundred point Zero Zero Three

			for 28 days, removing centering-shuttering after specified time approved; including cost of water, electricity, other charges etc. all complete approved and accepted by the Engineer-in-charge. (Doses of admixture to be fixed in consultation with design office) (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering) Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level						
4	-	N/A	Centering and shuttering, including strutting, propping etc. (The formwork must be rigid enough both in and out of plane, to make the concrete surface true to the designed shape and size by using necessary MS sheets of minimum 16 BWG, angles of minimum size 40 mm x 40 mm x 5 mm, flat bars etc.) and removal. Individual and comndividual and combined footing	sqm	29.810	400.001	Four Hundred point Zero Zero One	11924.030	Eleven Thousand Nine Hundred and Twenty-Four point Zero Three
5	-	N/A	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or any where below cement concrete complete in all respect and accepted by Engineer-in-charge.	sqm	32.760	70.001	Seventy point Zero Zero One	2293.233	Two Thousand Two Hundred and Ninety-Three point Two Three Three
6	-	N/A	Supply and installation of 200 mm dia and 6 mm thick M.S. pipe seamless; all complete as per drawing, specification and direction of Engineer-in-charge.	m	101.250	1600.001	One Thousand Six Hundred point Zero Zero One	162000.101	One Lakh Sixty-Two Thousand point One Zero One
7	-	N/A	Supply and installation of 5 mm thick 250 mm dia plate; all complete as per drawing, specification and direction of Engineer-in-charge.	nos	9.000	1200.001	One Thousand Two Hundred point Zero Zero One	10800.009	Ten Thousand Eight Hundred point Zero Zero Nine
8	-	N/A	Supply and installation of Royal bolt all complete as per drawing, specification and direction of Engineer-in-charge.	nos	36.000	60.001	Sixty point Zero Zero One	2160.036	Two Thousand One Hundred and Sixty point Zero Three Six

9	-	N/A	Supplying and making Shock absorber rail for Chemical unloading platform with matured seasoned wood including necessary moulding with proper corner, finishing as per design, fitting and fixing in position in all floors etc. all complete and accepted by the Engineer-in-charge. (Teak Chitagong wood)	cum	0.230	240000.001	Two Lakh Forty Thousand point Zero Zero One	55200.000	Fifty-Five Thousand Two Hundred
10	-	N/A	Epoxy enamel paint of approved quality and colour delivered from authorized local agent in a sealed container; surface preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus (if required must be treated with fungicidal solution) flaking paints, washing the surface with soap water/caustic soda, mending good the surface defects, smoothening the surface by putty, sand papering the surface; applying to Interior concrete surfaces and walls in three coats by brush/roller/spray etc. upto desired finishing; elapsing specified time for drying and recoating; with necessary scaffolding all complete in all floors and accepted by the Engineerin- charge.	sqm	42.240	440.001	Four Hundred and Forty point Zero Zero One	18585.642	Eighteen Thousand Five Hundred and Eighty-Five point Six Four Two
11	-	N/A	Renewing of painting with synthetic black enamel Paint to plinth and skirting :2 coat ; all complete and accepted by the Engineer-in-charge.	kg	849.180	140.001	One Hundred and Forty point Zero Zero One	118886.049	One Lakh Eighteen Thousand Eight Hundred and Eighty-Six point Zero Four Nine
12	-	N/A	Saftey net: Providing temporary safety net (hessian cloth/Seaftey belt/goggles/gloves etc) around construction work place (along the height of the Structure) where public safety is likely to be endangered due to construction activities; which shall be supported using scaffolding around the building for brick work/ plaster; including fitting and fixing in position providing necessary anchors, wires, ties etc. all complete and accepted by the Engineer-in-	item	1.000	6450.695	Six Thousand Four Hundred and Fifty point Six Nine Five	6450.695	Six Thousand Four Hundred and Fifty point Six Nine Five

			charge. (Rate is excluding the cost of scaffolding)						
								Grand Total:	448705.800
									Four Lakh Forty- Eight Thousand Seven Hundred and Five point Eight

* Note: All applicable taxes, custom duties, VAT and other levies payable by the Contractor under the Contract shall be included in the unit prices submitted by the Tenderer.

This Section 6. Bill of Quantities is Electronically Signed by Mr. MD. TAKDIR (SWAPAN) on behalf of A.K. International