

A.K. International**Priced Bill of Quantities (BOQ)****Unit Rate Basis**

Estimate by the Procuring Entity

Item no.	Group	Item Code (if any)	Description of Item	Unit	Quantity	Unit rates or prices (in figures) (BDT)	Unit rates or prices (in words) (BDT)	Amount (in figure) (BDT)	Amount (in words) (BDT)	Select 'YES' to see the Grand Total
01	Civil	11.1.1.1	Supplying and making door and window frames (Chowkat) for all floors in/c wall side grove cutting, moulding by CNC machine or any other means with matured seasoned wood of required size including painting two coats of coal tar to the surface in contact with wall, fitting and fixing in position etc. all complete and accepted by the Engineer-in-charge. (All sizes of wood are finished). Frame made from seasoned Mehgoni wood (Chemically treated)Upto Size 0'-2.5" x 0'-6" (finished)	cum	0.258	135509.000	One Lakh Thirty-Five Thousand Five Hundred And Nine	34961.322	Thirty-Four Thousand Nine Hundred And Sixty-One Point Three Two Two	Yes
02	Civil	12.1.3.2	Supplying, fitting and fixing of 38 mm thick well matured seasoned (moisture content should be between 12% to 16%) solid wood single leaf door shutter having stile section 100mm x 38mm, top rail section 125mm x 38mm, lock rail section 100mm x 38mm and bottom rail section 225mm x 38mm (made from minimum 250mm wide plank) with 4nos 100mm long, 3mm thick hinge, 12mm dia 250mm long tower bolt, 12mm dia 200mm long socket bolt, 2nos 150mm long handle, hinged cleats and buffer blocks. All	sqm	10.832	13867.000	Thirteen Thousand Eight Hundred And Sixty-Seven	150207.344	One Lakh Fifty Thousand Two Hundred And Seven Point Three Four Four	Yes

			complete in all floors and accepted by the Engineer-in-charge. (All sizes of wood are finished) Chattogram Teak (Brass Fittings)							
03	Civil	14.8.3.1	Supplying, fitting and fixing of aluminium sliding window with mosquito mesh as per the U.S. Architectural Aluminium Manufacturer's Association (AAMA) standard specification and BDS 1879:2014 having minimum 1.2 mm thick outer bottom (95.00 mm, 38.00 mm outer bottom, 0.72 kg/m), minimum 1.2 mm thick outer top (95.00 mm, 28.5 mm outer top, 0.75 kg/m), minimum 1.2 mm thick shutter top (size 33 mm, 26.80 mm, 0.42 kg/m), minimum 1.2 mm thick shutter bottom (size 60mm, 24.40 mm, 0.589 kg/m), minimum 1.2 mm thick outer side (95.00 mm, 19.50 mm outer side, 0.591 kg/m), minimum 1.2 mm thick shutter lock (size 49.20 mm, 25.80 mm, 0.543 kg/m) and minimum 1.2 mm thick inter lock (size 34.40 mm, 32.13 mm, 0.562 kg/m) sections all aluminium members will be anodized to aluminium bronze/silver/ss/black colour with a coat not less than 15 microns in thickness or powder coated to any colour with a coat not less than 25 microns in thickness and density of 4 mg per square cm etc. including all accessories like sliding door key lock, sliding door wheel, sliding door mohiar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making grooves and mending good damages,	sqm	7.528	12106.000	Twelve Thousand One Hundred And Six	91133.968	Ninety-One Thousand One Hundred And Thirty-Three Point Nine Six Eight	Yes

			carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Size up to: 762 mm x 610 mm. Anodized to any colour							
04	Civil	15.1.1	Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to both inner- and outer surface of wall, finishing the corner and edges including washing of sand, cleaning the surface, curing at least for 7 days, cost of water, electricity, scaffolding and other charges etc. all complete in all respect as per drawing and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) ground floor.	sqm	112.224	299.000	Two Hundred And Ninety-Nine	33554.976	Thirty-Three Thousand Five Hundred And Fifty-Four Point Nine Seven Six	Yes
05	Civil	16.2.1	Interior standard acrylic emulsion paint (plastic or matt finish) of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container; applying to interior wall and ceiling with surface preparation including cleaning drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus, mending good the surface defects using sand paper and necessary scaffolding; applying necessary interior sealer of specified brand on prepared surface; then applying necessary interior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for	sqm	210.872	258.000	Two Hundred And Fifty-Eight	54404.976	Fifty-Four Thousand Four Hundred And Four Point Nine Seven Six	Yes

			drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.							
06.	Civil	16.3.1	Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer in a sealed container, having high water resistance, high bondability, flexibility property; using specified brand thinner applying to metallic or wooden surface by brass/roller/spray in 2 coats over single coat anti-corrosive coating including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, all complete in all floors and accepted by the Engineer-in-charge.	sqm	21.329	229.000	Two Hundred And Twenty-Nine	4884.341	Four Thousand Eight Hundred And Eighty-Four Point Three Four One	Yes
07.	Civil	12.21.1	Supplying, fitting and fixing mortice door lock with lever handle of approved quality including all necessary tools and accessories etc. all complete approved and accepted by the Engineer-in-charge. Standard Quality	each	6.000	1242.000	One Thousand Two Hundred And Forty-Two	7452.000	Seven Thousand Four Hundred And Fifty-Two	Yes
08.	Civil	18.6.1.1	Supplying, fitting and fixing Wall Almirah with one side attires cabinet including locker and another side shelf of Depth-1'-8" made by 18 mm B.T Veneered/ B.T. ply/ B.T marine ply board on 2.50"X2.50" (Finished) Ctg. Teak Wooden Outer Frame, 1.50" x 1.50" (Finished) Ctg. Teak wooden frame for shelf, 1.25" x 1.25" (Finished) Ctg. Teak wooden edge bit around the shutter, backside covered by the 18mm garjan Ply board, 2 nos standard handle for shutter & 3 nos standard lock for shutter and drawer, 25mm SS pipe 1.5 mm thick and including all necessary accessories	sqm	3.532	18300.000	Eighteen Thousand Three Hundred	64635.600	Sixty-Four Thousand Six Hundred And Thirty-Five Point Six	Yes

			for fitting & fixing all complete and accepted by the engineer-in-charge. All Ctg. teak wood frames must be protected from termites, cockroach and other insects. (Rate is excluding cost of polish/ paint etc. of any type). Wall Almirah with one side attire cabinet including locker and another side shelf made of 18 mm B.T Veneered board							
09.	Civil	16.10.1	Wood varnishing of approved quality and colour delivered from authorized local agent of the manufacturer in a sealed container using brand specified thinner to door and window frame and shutter in three coats, applied with brush including cleaning oil, grease, dirt, making dry, sand papering, if required washing with weak detergent solution, stripping out the colour straps, finishing the surface, etc. all complete in all floors and accepted by the Engineer-in-charge. Yacht	sqm	46.078	208.001	Two Hundred And Eight Point Zero Zero One	9584.270	Nine Thousand Five Hundred And Eighty-Four Point Two Seven	Yes
10	Civil	26.01.6	Supplying, fitting and fixing of European type country made best quality glazed porcelain combi closet (two piece), including plastic seat cover with soft closing ,cistern system, water consumption 6 litre, siphon wash down/siphon jet single or dual flushinging system which reduce water consumption, hygienic glaze in toilet bowl ,glaze in inner waste line, round bowl, outlet range 280~305 mm. The sanitary ware shall conform BDS1162:2014. The glaze shall be thoroughly fused to body. The minimum thickness of body at any section shall be 5 mm. When assembled together and when	each	1.000	17816.000	Seventeen Thousand Eight Hundred And Sixteen	17816.000	Seventeen Thousand Eight Hundred And Sixteen	Yes

examined from a distance of 60 cm, the outer surface shall not show to the unaided eye, blemishes or defects in excess of those listed in BDS standard. The mean value of water absorption shall not be greater than 0.5% of the ware when dry.

When tested with chemical solutions (Acetic acid, Citric acid, Detergent, Hydrochloric acid, Sodium hydroxide, Sodium stearate and Sulfuric acid of various strength) as per BDS1162:2014 procedure, none of the test pieces should suffer any loss of reflectivity on the glaze.

There shall be no crazing and no stain on the ware. The materials used for making glaze shall not contain lead compound. In case of certain coloring oxides used for making colored glaze, the lead content, if any, shall not exceed 5 percent of the weight of the glaze materials. Appliances shall be clearly and indelibly marked at a prominent place, visible even after the appliances are installed with the following: a) manufacturer's name and/or registered trademark, b) the number of Bangladesh standard and c) country of origin. Each product shall also be marked with the BSTI Certification Mark.

The fixture should be placed in position preparing the base with cement concrete and with wire mesh or rods if necessary, in all floors including making holes wherever required and mending good the damages and fitting, fixing, finishing, complete with all necessary fittings and connection approved and accepted by the Engineer-in-charge.

			Approx. 700~725 X 360~ 380 mm size, minimum 34.1 kg of weight; Equivalent to COTTO - C1470 / RAK: Venic or similar brand							
11	Civil	26.31.3	Supplying, fitting and fixing of best quality pillar cock made from copper or copper alloy, chromium plated materials. The faucet conforms BDS EN 200:2009. The faucet tap shall be free from any leakage, permeation and other abnormalities. The water hammer value shall be 1.47 Mpa or under. The faucet after it has been operated 100000 times it shall be free from a seat-leakage and shall satisfy the reverse flow preventing performance. The inside and outside surfaces of the faucet shall be smooth and be free from blowholes, fissures, remarkable flows or injurious defects. The chromium plating on the faucet shall be of class 2 grade 1. The final coating should be done with chromium of minimum 0.1 micron. The faucet shall be made leak proof and fixing in position with selected tape etc. all complete approved and accepted by the Engineer- in- charge. CP Single lever pillar cock (High top 8")	each	4.000	3069.000	Three Thousand And Sixty- Nine	12276.000	Twelve Thousand Two Hundred And Seventy- Six	Yes
12	Civil	M/R	Electrical fitting fixing & line repair.	item	1.000	18500.000	Eighteen Thousand Five Hundred	18500.000	Eighteen Thousand Five Hundred	Yes
							Grand Total:	499410.797	Four Lakh Ninety- Nine Thousand Four Hundred And Ten Point Seven Nine Seven	

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