

Kabir Engineers & Construction

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	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	0.077	135509.001	One Lakh Thirty-Five Thousand Five Hundred and Nine point Zero One	10434.193	Ten Thousand Four Hundred and Thirty-Four point One Nine Three	I have seen
2	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 complete in all floors and accepted by the Engineer-in-charge. (All sizes of wood are finished) "	sqm	3.903	13867.001	Thirteen Thousand Eight Hundred and Sixty-Seven point Zero One	54122.905	Fifty-Four Thousand One Hundred and Twenty-Two point Nine Zero Five	I have seen

			Chattogram Teak (Brass Fittings)						
3	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	1.000	1242.001	One Thousand Two Hundred and Forty-Two point Zero Zero One	1242.001	One Thousand Two Hundred and Forty-Two point Zero Zero One I have seen
4	Civil	6.5.1	Supplying, fitting and fixing foreign made homogeneous matt finished/ rustic floor tiles complying BDS ISO 13006: 2015, water absorption $\leq 0.5\%$, modulus of rupture (MOR) ≥ 27 N/mm ² , irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:4) base and raking out the joints with white cement including cutting and laying the tiles in proper way and finishing with care etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M) In ground floor Matt or rustic floor tiles of size 600 mm x 600 mm	sqm	12.047	2992.001	Two Thousand Nine Hundred and Ninety-Two point Zero Zero One	36044.636	Thirty-Six Thousand AND Forty-Four point Six Three Six I have seen
5	Civil	6.6.5	Supplying, fitting and fixing country made glazed wall tiles complying BDS ISO 13006: 2015, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1.2) mortar (1:3) base and raking out the joints with white cement including cutting, laying and hire charge of machine and finishing with care etc. including cost of water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). In ground floor Decor wall tiles of any size	sqm	56.651	2119.001	Two Thousand One Hundred and Nineteen point Zero Zero One	120043.526	One Lakh Twenty Thousand AND Forty-Three point Five Two Six I have seen
6	Civil	6.18.1	Marble stone flooring with Indian superior quality marble stone of approved quality complying accepted National/ International standards, texture and size with 25	sqm	1.673	8606.001	Eight Thousand Six Hundred and Six point Zero Zero One	14397.840	Fourteen Thousand Three Hundred and Ninety-Seven I have seen

(50% F.M. 1.2 and 50% F.M 2.2) mortar (1:2) including placing cement slurry below the stone, cutting the marble stone to desired size, grinding and finishing the edges, setting in position in proper level, filling the gaps with white cement and colouring pigments including supplying all necessary equipments/materials and finishing the top by pumice stone and necessary auxiliary materials and water, electricity and other charges complete in all respect and accepted by the Engineer in charge. (Cement: CEM-II/B-M)

18 mm thick marble stone flooring
In ground floor

Supplying, fitting and fixing of best quality PVC board false ceiling (Drop/Plain) of size 600 mm x 600 mm of approved design, minimum PVC content of 35%, framing by aluminium/ powder coated aluminium T-bar of any colour and of natural anodized finish suspended in 600 mm x 600 mm grid from ceiling by 12 SWG double ply wire, fixed to the ceiling by rowel plug, screws, hooks, nails etc., maintaining straight lines and desired finished level at bottom face including vertical wooden strut as required, making holes in slabs or beams by electric drill machine and mending good the damages, if any during execution of the work, including the provisions of lighting arrangement, also including cost of all materials, electricity, accessories, scaffoldings, labour for installation, screws, nails, etc. all complete as per drawing, design and accepted by the Engineer-in-charge. Measurement will be taken as per finished surface area.

8 mm thick PVC board ceiling

Two
Thousand
Six
Hundred
and
Twenty-
One point
Zero Zero
One

139840.887

One Lakh
Thirty-
Nine
Thousand
Eight
Hundred
and Forty
point
Eight
Eight
Seven

I
have
seen

8	Civil	22.13	Supplying, fitting and fixing of the best quality any size uPVC plastic door shutter with frame having specific gravity of 1.35 - 1.45, panel wall thickness 2.4 mm-2.76 mm, shutter/panel thickness 37.5 mm & weighing 27.00 kg/m ² and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards and cosmic /Foam /aristocrat or equivalent standards of different sizes uPVC plastic door shutter with uPVC plastic frame (frame size:150mm x 62.50mm) fitting - fixing in brick wall/ R.C.C wall with at least 3 Nos. SS hinges by min 64 Nos. Ø 3.17 mm and 3.97 mm 12.7 mm long rivets, 24 nos. 25.4 mm SS screws, Ø 9.38 mm, 150 mm long SS tower bolts 2 nos., 146 mm SS handle by rivet ,6 Nos. GI clamp, 6 Nos. G.I inner joint, 234.95 mm x 127 mm clamp, 76.2 mm x 57.15 mm, including making necessary grooves and mending good the damages, finishing, curing, local carriage etc . complete in all respect and accepted by the Engineer-in-charge.	sqm	6.506	6867.001	Six Thousand Eight Hundred and Sixty-Seven point Zero Zero One	44676.709	Forty-Four Thousand Six Hundred and Seventy-Six point Seven Zero Nine	I have seen
9	Civil	26.19.1	Supplying, fitting and fixing of 5 mm thick unframed super quality double coated mirror with all necessary fitting including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer-in-charge. Local Mirror, 5 mm thickness	each	2.091	2590.001	Two Thousand Five Hundred and Ninety point Zero Zero One	5415.692	Five Thousand Four Hundred and Fifteen point Six Nine Two	I have seen
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	each	2.000	17816.001	Seventeen Thousand Eight Hundred and Sixteen point Zero	35632.002	Thirty-Five Thousand Six Hundred and Thirty-	I have seen

wash down/siphon jet single or dual flushing 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 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	26.07.2	"Supplying, fitting and fixing of Bangladesh pattern, long pan with foot-rest. 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 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.	each	1.000	2227.001	Two Thousand Two Hundred and Twenty-Seven point Zero Zero One	2227.001	Two Thousand Two Hundred and Twenty-Seven point Zero Zero One	I have seen
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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 of pan with cement mortar (1:4) 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 etc. complete with all necessary fittings and connections approved and accepted by the Engineer-in-charge."

Approx. 530 X 400 X 230 mm size, minimum 11.0 kg of weight

12	Civil	26.13.19	"Supplying of country made glazed vitreous W/H wash basin of any color including pedestal. 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 examined from a distance of 60 cm, the outer surface shall not show to the unaided eye, blemishes or defects in	each	2.000	7626.001	Seven Thousand Six Hundred and Twenty-Six point Zero Zero One	15252.002	Fifteen Thousand Two Hundred and Fifty-Two point Zero Zero Two	I have seen
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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 with heavy type C.I. Brackets. 30 mm dia PVC waste water pipe with brass coupling (not exceeding 750 mm in length), basin waste with chain plug including making holes in walls and floors and fitting with wall, screws and mending good the damages, finishing etc. all complete approved and accepted by the Engineer-in-charge. "

Approx. 665 x 490 mm,
minimum weight 29.5 kg

"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")

13

Civil

26.31.3

each

2.000

3069.001

Three
Thousand
AND Sixty-
Nine point
Zero Zero
One

6138.002

Six
Thousand
One
Hundred
and
Thirty-
Eight
point Zero
Zero Two

I
have
seen

14

Civil

26.30.2

each

2.000

1202.001

One
Thousand
Two
Hundred
and Two
point Zero
Zero One

2404.002

Two
Thousand
Four
Hundred
and Four
point Zero
Zero Two

I
have
seen

"Supplying, fitting and fixing of best quality surface mounted or conceal stop cock/angle stop cock (lever or round headed) with wall flange chromium plated. 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. "							
			20 mm dia CP Concealed Stop Cock							
15	Civil	26.39.1	"Supplying and fitting- fixing stainless steel hand / push shower for ablution including holder etc. all complete approved and accepted by the Engineer- in- charge" Moving type hand shower	each	2.000	1450.001	One Thousand Four Hundred and Fifty point Zero Zero One	2900.002	Two Thousand Nine Hundred point Zero Zero Two	I have seen
16	Electrical	M/R	Electrical fitting fixing & line repair.	each	1.000	9000.001	Nine Thousand point Zero Zero One	9000.001	Nine Thousand point Zero Zero One	I have seen
							Grand Total:	499771.401	Four Lakh Ninety- Nine Thousand Seven Hundred and Seventy- One point Four Zero One	

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Md kabir on behalf of Kabir Engineers & Construction