

FOURTH DIMENSION

Bill of Quantities

Bill of Quantities

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	Civil	32.1	Stripping of unserviceable plaster including racking out joints, cleaning etc.	Sqm	995.471	40.000	Forty	39818.840	Thirty-Nine Thousand Eight Hundred And Eighteen Point Eight Four
2	Civil	30.36.4.1	50 mm thick coloured cladding work in facing on superstructure with 400 mm x 100 mm x 50 mm size concrete clad pasted with 20 mm thick cement mortar (1:4) to be placed at 6 mm apart, filling the interstices with same mortar, raking out joints and cutting the clad to required sizes wherever necessary with high class recessed pointing, cleaning and washing of sand, necessary scaffolding, curing for minimum 3 (three) days on mortar joints by jute/ brush in wet, followed by impervious/ wet covering for another 4 (four) days etc. all complete and accepted by the Engineer-inchargeGround Floor	Sqm	189.556	1400.000	One Thousand Four Hundred	265378.400	Two Lakh Sixty-Five Thousand Three Hundred And Seventy-Eight Point Four
3	Civil	30.36.4.2	1st Floor	Sqm	237.860	1420.000	One Thousand Four Hundred And Twenty	337761.200	Three Lakh Thirty-Seven Thousand Seven Hundred And Sixty-One Point Two
4	Civil	23.6	25mm thick cast-in-situ ferrocement wall with minimum cement content relates to mix ratio 1:2, cement conforming to BDS EN-	Sqm	1108.155	1725.000	One Thousand Seven Hundred And	1911567.375	Nineteen Lakh Eleven Thousand Five Hundred

			197-1-CEM-I, 52.5N, and best quality coarse sand (F.M. 2.2) M.S. rod fabrication in accordance with BDS, ISO 6935-2:2006 straightening and cleaning rust if any, bending and binding in position with supply of 8 mm dia M.S. rod 250 mm c/c vertically, 6 mm dia 250 mm c/c horizontally, 24 nos G.I. wire splices laps etc. 2 layers of 20 BWG galvanized wire mesh having minimum yield strength fy=450 Mpa & 2 mesh per 25 mm, casting and finishing the both surfaces with cement sand (F.M.-1.2) mortar (1:3) and curing at least for 21 days, including the cost of water, electricity and other charges in all complete as per drawing, design and accepted by the Engineer-in-charge.				Twenty-Five		And Sixty-Seven Point Three Seven Five
5	Civil	23.6	Interior super premium acrylic emulsion painting (odorless) 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. up to desired finishing, elapsing specified time for drying	Sqm	694.237	320.000	Three Hundred And Twenty	222155.840	Two Lakh Twenty-Two Thousand One Hundred And Fifty-Five Point Eight Four

			or recoating; all complete in all floors accepted by the Engineer-in-charge						
6	Civil	32.44.2	Renewing of premium synthetic enamel paint to door/windows frame and shutter: 1 coat	Sqm	101.441	120.000	One Hundred And Twenty	12172.920	Twelve Thousand One Hundred And Seventy-Two Point Nine Two
7	Civil	14.7.1.1	Supplying, fitting and fixing of aluminium sliding window 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 (size 75.50 mm, 32 mm, 0.605 kg/m), minimum 1.2 mm thick outer top (size 75.50 mm, 28.50 mm, 0.705 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 (size 75.50 mm, 19.90 mm, 0.52 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 mohar, sliding door neoprene, bolts and nuts including sealants, keeping provision for fitting 5 mm thick glass including labour charge for fitting of accessories, making	Sqm	106.668	3440.000	Three Thousand Four Hundred And Forty	366937.920	Three Lakh Sixty-Six Thousand Nine Hundred And Thirty-Seven Point Nine Two

			grooves and mending good damages, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-incharge. Anodized to any colour						
8	Civil	14.22	Supplying, fitting and fixing of 12 mm thick clear tempered glass wall up to 3.0 m height with vertical fin glass support of same thickness and support shall be at least 1.2 m c/c fixed properly with glass by silicon glue with supply and fittings of all required accessories such as SS u channel, nut bolts, aluminium angle, steel rowel bolt, screws, rivets norton tape masking tape, structural sealant, gum bracket rod etc. all complete in all respect as per drawing and direction of the Engineer-in- charge	Sqm	23.420	17750.000	Seventeen Thousand Seven Hundred And Fifty	415705.000	Four Lakh Fifteen Thousand Seven Hundred And Five
9	Civil	32.118	Taking out old unserviceable Aluminium Door/ window frame and shutter etc. all completed as per direction of Engineer-in-charge.	Each	30.000	500.000	Five Hundred	15000.000	Fifteen Thousand
10	Civil	32.17	Taking out of old & unserviceable wooden chowkat/ door or window frame	Each	8.000	500.000	Five Hundred	4000.000	Four Thousand

11	Civil	11.1.5.2	Supplying and making door and window frames (Chowkat) for all floors including 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 Chattogram TeakSize greater than 0'-2.5" x 0'-6" and up to 0'-2.5" x 0'-11" (finished)	Cum	0.708	218820.000	Two Lakh Eighteen Thousand Eight Hundred And Twenty	154924.560	One Lakh Fifty-Four Thousand Nine Hundred And Twenty-Four Point Five Six
12	Civil	12.1.3.1	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 100m 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)Chattogram Teak (SS Fittings)	Sqm	1.951	12200.000	Twelve Thousand Two Hundred	23802.200	Twenty-Three Thousand Eight Hundred And Two Point Two
13	Civil	32.5.1.1	Dismantling of unserviceable/damaged brick works	Cum	0.206	1000.000	One Thousand	206.000	Two Hundred And Six
14	Civil	4.3	Brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) in exterior walls	Cum	4.881	9500.000	Nine Thousand Five Hundred	46369.500	Forty-Six Thousand Three Hundred And Sixty-Nine Point Five
15	Civil	32.2.2	Picking-up of unserviceable tiles including bonding	Sqm	661.180	60.000	Sixty	39670.800	Thirty-Nine Thousand

			mortar from floor, walls and dado etc. and removal of debris to a safe distance.						Six Hundred And Seventy Point Eight
16	Civil	6.2.8	Supplying, fitting and fixing country made mirror polished homogeneous floor tiles complying BDS ISO 13006: 2015, water absorption ? 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 floorGP Mirror Polished (Double Charge) 800 mm x 800 mm floor tiles	Sqm	478.056	2450.000	Two Thousand Four Hundred And Fifty	1171237.200	Eleven Lakh Seventy-One Thousand Two Hundred And Thirty-Seven Point Two
17	Civil	6.7.1	Supplying, fitting and fixing country made rustic or matt finished 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 water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). In ground floorMatt or rustic wall tiles less than or equal to 300 mm x 600 mm size	Sqm	155.112	2050.000	Two Thousand And Fifty	317979.600	Three Lakh Seventeen Thousand Nine Hundred And Seventy-Nine Point Six
18	Civil	6.17.1	Marble stone flooring with Indian standard quality (Bansowara/ Indian grey/ Indian pink or equivalent) marble stone of approved quality complying accepted National/ International standards, texture and size with 25 mm thick cement sand (50% F.M. 1.2 and 50%	Sqm	4.596	8200.000	Eight Thousand Two Hundred	37687.200	Thirty-Seven Thousand Six Hundred And Eighty-Seven Point Two

			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						
19	Civil	32.13	Taking out of old roof tiles and ridges	Sqm	288.299	80.000	Eighty	23063.920	Twenty-Three Thousand And Sixty-Three Point Nine Two
20	Civil	17.1.2.2	Supply and application of waterproofing treatment to roofs and terraces using three coats of acrylic based fiber reinforced elastomeric liquid water proofing membrane conforming to relevant ASTM standards product available in market. Surface preparation shall include cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungus , mending the surface defects using sandpaper, filling cracks using suitable Crack Seal as necessary. First coat shall be diluted by 30% water and used as self-priming coat for the following two coats, achieving force coverage of 10sqft/ltr. Incase of greater surface area, fiber mesh can be used in between the priming coat and second coat, followed by two more coats for better	Sqm	288.299	1080.000	One Thousand And Eighty	311362.920	Three Lakh Eleven Thousand Three Hundred And Sixty-Two Point Nine Two

			durability. All shall be completed as per manufacturer's specifications & recommendations and accepted by the Engineer-in-charge. Rate for cover area greater than 500 sqm (with glass fiber mesh of 10 mm X 10 mm grid and weight 110 gm/sqm placed in between first two layers)						
21	Civil	6.15.1	Supplying, fitting and fixing 20 mm to 25 mm thick machine made cement pavement tiles having minimum compressive strength of 27 MPa, irrespective of color &/or design, with 20 mm thick cement sand (F.M. 1:2) mortar (1:4) base and making the joints carefully in true straight line including cutting, laying and hire charge of machine and finishing with care etc. including water, electricity and other charges complete in all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). In ground floor Pavement tiles of size 300 mm x 300 mm	Sqm	31.947	1100.000	One Thousand One Hundred	35141.700	Thirty-Five Thousand One Hundred And Forty-One Point Seven
22	Civil	26.02.4	Supplying, fitting and fixing of country made European type special quality combi closet (one piece) including inbuilt flushing unit, of white color, including plastic seat cover with soft closing ,cistern system, water consumption 6 litre, siphon jet single 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	Each	5.000	30000.000	Thirty Thousand	150000.000	One Lakh Fifty Thousand

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. 760~735 X 430~490 mm size, minimum 40

			kg of weight, Equivalent to Stella: Viola/ COTTO: C1026 or similar brand						
23	Civil	26.12.5	Supplying, fitting and fixing of country made glazed vitreous W/H wash basin excluding 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 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	each	5.000	6000.000	Six Thousand	30000.000	Thirty Thousand

			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 Under Counter: Approx. 570 mm X 420 mm size, minimum weight 7.5 kg						
24	Civil	26.18.3	Supplying, fitting and fixing of best quality double bowl stainless steel sink with heavy type CI or steel brackets, 12 mm dia C.P. chain plug, 40 mm dia C.P. waste, 40 mm dia PVC waste pipe with brass coupling (750 mm length) including making hole in walls and floors and mending good the damages, finishing etc. all complete approved and accepted by the Engineer-in-charge Approx. 1160 mm x 500 mm size double bowl with sink tray (Special)	each	1.000	12500.000	Twelve Thousand Five Hundred	12500.000	Twelve Thousand Five Hundred
25	Civil	26.22.4	Supplying, fitting and fixing of country made best quality towel rail/ ring/ shelf minimum 20 mm in dia with C.P. holder 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. 600 mm long C.P. towel shelf	each	5.000	1500.000	One Thousand Five Hundred	7500.000	Seven Thousand Five Hundred
26	Civil	26.23.1	Supplying, fitting and fixing of best quality toilet paper holder of standard size including making holes in walls and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the	each	5.000	600.000	Six Hundred	3000.000	Three Thousand

			Engineer-in-chargePVC toilet paper holder						
27	Civil	26.25.2	Supplying, fitting and fixing of Automatic sensor liquid soap dispenser to hold and dispense up to min 600 ml of liquid and lotion soaps, synthetic detergents and antibacterial soaps. Dispenser shall be powered by batteries and shall operate automatically from IR sensor that shall activate soap dispensing when hands are placed in sensor zone. Sensor detection range shall be adjustable by owner. Dispenser shall pump a drop volume of 0.8 ml to 1.0 ml of soap during each activation. A tamper resistant soap level-viewing window shall be provided. Unit shall have a swing open body secured with side-mounted lock that is opened with special key provided, all complete and accepted by the Engineer-in-charge. Automatic liquid soap dispenser (local): super quality	each	5.000	4500.000	Four Thousand Five Hundred	22500.000	Twenty-Two Thousand Five Hundred
28	Civil	26.28	Supplying, fitting and fixing of 100 mm floor drain with vertical outlet in traps including making holes in walls/floors and mending good the damages with cement mortar (1:4) etc. all complete approved and accepted by the Engineer- incharg	each	5.000	1200.000	One Thousand Two Hundred	6000.000	Six Thousand
29	Civil	26.24.01	Supplying, fitting and fixing of standard size country made soap tray 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. PVC soap tray	each	5.000	150.000	One Hundred And Fifty	750.000	Seven Hundred And Fifty
30	Civil	26.30.1	Supplying, fitting and fixing of best quality surface mounted or conceal stop cock/angle stop cock (lever or round headed) with wall flange	each	5.000	850.000	Eight Hundred And Fifty	4250.000	Four Thousand Two Hundred And Fifty

			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. 12 mm dia CP Concealed Stop Cock						
31	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	each	5.000	2500.000	Two Thousand Five Hundred	12500.000	Twelve Thousand Five Hundred

			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 Round headed fixed Pillar cock						
32	Civil	26.34.10	Supplying, fitting and fixing of best quality CP basin/ sink mixer. 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.single handle/ lever basin mixer	each	11.000	2500.000	Two Thousand Five Hundred	27500.000	Twenty-Seven Thousand Five Hundred
33	Civil	26.35.2	Supplying, fitting and fixing of best quality 20 mm CP shower mixer. 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	each	5.000	6000.000	Six Thousand	30000.000	Thirty Thousand

			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 shower mixture including shower head and faucet						
34	Civil	26.36.2	Supplying, fitting and fixing of best quality Bathtub mixer. 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. Bathtub mixer including hand shower	each	1.000	4500.000	Four Thousand Five Hundred	4500.000	Four Thousand Five Hundred
35	Civil	26.38.3	Supplying and fitting-fixing Chromium plated (CP) Shower head all complete approved and	each	1.000	5000.000	Five Thousand	5000.000	Five Thousand

			accepted by the Engineer-in-charge. Moving type 200 mm CP shower head						
36	Civil	26.46.1	Supplying different inside dia best quality CPVC pressure pipe for water supply having specific gravity 1.35 - 1.45, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards fitting and fixing in position with sockets, bends, with all accessories such as round grating/ domed roof grating, bends, sockets etc. approved and accepted by the Engineer-in-charge. 12 mm dia wall thickness 3.4 mm - 4.0 mm	meter	76.220	220.000	Two Hundred And Twenty	16768.400	Sixteen Thousand Seven Hundred And Sixty-Eight Point Four
37	Civil	26.46.3	Supplying different inside dia best quality CPVC pressure pipe for water supply having specific gravity 1.35 - 1.45, and other physical, chemical, thermal, fire resistivity properties etc. as per BSTI approved manufacturer standards or ASTM, BS/ISO/IS standards fitting and fixing in position with sockets, bends, with all accessories such as round grating/ domed roof grating, bends, sockets etc. approved and accepted by the Engineer-in-charge. 25 mm dia wall thickness 3.4 mm - 4.0 mm	meter	76.220	380.000	Three Hundred And Eighty	28963.600	Twenty-Eight Thousand Nine Hundred And Sixty-Three Point Six
38	Civil	26.29	Supplying, fitting and fixing of best quality country made 12 mm bib cock made from copper or copper alloy, 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-	meter	152.439	30.000	Thirty	4573.170	Four Thousand Five Hundred And Seventy-Three Point One Seven

			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.						
39	Civil	26.29.4	12 mm CP Two in One Bib Cock	each	5.000	1600.000	One Thousand Six Hundred	8000.000	Eight Thousand
40	Civil	26.67	Groove cutting in brick work and R.C.C work, including cost for concealing of water distribution pipe work (12 mm and 20 mm dia) in brick wall by cutting groove in wall, lintel, beam etc. by any means carefully without damaging the structure and filling the grooves with C.C (4:2:1) after laying of pipe including cost of scaffolding, finishing, curing etc. all complete approved and accepted by the Engineer-in-charge.	meter	152.439	250.000	Two Hundred And Fifty	38109.750	Thirty-Eight Thousand One Hundred And Nine Point Seven Five
41	Civil	21.16.1.3	Providing & installarion of following capaciry-elec trically operaled waler heater containing blue d iamond inner lank made of minimum l4 SWG. magnesium anode rod . non-magnelic rust proof galvanized steel & outer jacket, body made of minimum 22 SWG mild sreel sheet & 20 mm thermal insulation with automatic thermostatic switch with suitable waftage rangc of stainless steel Incoloy 800 glass line immersion heating element. thermal cut-	each	5.000	10200.000	Ten Thousand Two Hundred	51000.000	Fifty-One Thousand

			out , on-off indicating lamp. Earth Leakage Circuit Breaker (ELCB). safety valve 0.8 MPa, inlet and outlet water connection pipe including fixing accessories all complete as required with adequate ,rf.ry ,aurur" in conformity with codes and specification of international standards. Suitable for use in tropical country like BANGLADESH. Model and sample to be approved by competent authority 65 liter / hr. (1500 .- 2000 watt) wall mounting type.						
42	Civil	M/R	uPVC P Trap	each	5.000	300.000	Three Hundred	1500.000	One Thousand Five Hundred
43	Civil	M/R	Temporary Shed for work purpose	Item	1.000	50000.000	Fifty Thousand	50000.000	Fifty Thousand
44	Civil	2033	Providing expertised engineer 10 years exp with registration in respective professional body	Man Month	1.000	120000.000	One Lakh Twenty Thousand	120000.000	One Lakh Twenty Thousand
45	Civil	M/R	Sofa(per seat) (HATIL or Equivalent)	Set	1.000	330000.000	Three Lakh Thirty Thousand	330000.000	Three Lakh Thirty Thousand
46	Civil	M/R	Beds (HATIL or Equivalent)	Nos	1.000	180000.000	One Lakh Eighty Thousand	180000.000	One Lakh Eighty Thousand
47	Civil	L.S	Site Cleaning works	Item	1.000	20000.000	Twenty Thousand	20000.000	Twenty Thousand
							Grand Total:	6916858.015	Sixty-Nine Lakh Sixteen Thousand Eight Hundred And Fifty-Eight Point Zero One Five

This Bill of Quantities is Electronically Signed by Mr. A.F.M. Imran on behalf of FOURTH DIMENSION