

M/S. JOSHNA INTERNATIONAL**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	22.7	Supplying, fitting and fixing vertical venetian blinds made with glass fiber fabrics (foreign made) with supply of all the best quality materials (foreign made) such as head rail (aluminium), end cap-set, rod tilt, sigger (stopper), runner, spacer (link), handling cord, ball chain, link chain, cord-weight weight-plate plastic washer, glass fiber fabrics, and head cap-set etc. all complete and accepted by the Engineer-in-charge.	sqm	48.327	2029.001	Two Thousand AND Twenty-Nine point Zero Zero One	98055.531	Ninety-Eight Thousand AND Fifty-Five point Five Three One	I have seen
2	Civil	4.16	125 mm brick works with first class bricks with cement sand (F.M. 1:2) mortar (1:4) and making bond with connected walls including necessary scaffolding, raking out joints, cleaning and soaking the bricks for at least 24 hours before use and washing of sand, curing at least for 7 days in all floors including cost of water, electricity and other charges etc. all complete and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M)	sqm	103.439	1408.001	One Thousand Four Hundred and Eight point Zero Zero One	145642.215	One Lakh Forty-Five Thousand Six Hundred and Forty-Two point Two One Five	I have seen
3	Civil	7.1.4	Reinforced cement concrete works with minimum cement	sqm	0.767	11010.001	Eleven Thousand AND Ten	8444.671	Eight Thousand Four	I have seen

			louver, fins, sunshade, false ceiling, waffle and ribbed floor slab etc.							
4	Civil	08.1.2	Grade 400 (B400DWR / B420DWR: complying BDS ISO 6935-2:2016 / ASTM A615) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 480 MPa and whatever is the actual yield strength within allowable limit as per BNBC/ ACI 318, the ratio of ultimate tensile strength fu to yield strength fy, shall be at least 1.25 and minimum elongation after fracture and minimum total elongation at maximum force is 17% and 8% respectively : up to ground floor.	kg	165.480	100.001	One Hundred point Zero Zero One	16548.165	Sixteen Thousand Five Hundred and Forty-Eight point One Six Five	I have seen
5	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	179.414	315.001	Three Hundred and Fifteen point Zero Zero One	56515.589	Fifty-Six Thousand Five Hundred and Fifteen point Five Eight Nine	I have seen
6	Civil	18.5.1.2	Supply and making wooden skirting with well matured seasond wood including necessary moulding with garjan wood frame of 50mm x 38mm, groove with proper corner,	sqm	25.093	4171.001	Four Thousand One Hundred and Seventy-One point Zero Zero One	104662.928	One Lakh Four Thousand Six Hundred and Sixty-Two point Nine Two Eight	I have seen

			finishing as per design, fitting and fixing in position by using all necessary accessories, royal plugs, screws, including making holes by electric drill machine and mending good the damages, if any during execution of the work, also including cost of all materials, electricity, labour for installation in all floors etc. all complete as per drawing, design and accepted by the Engineer-in-charge. All Garjan wood frames must be protected from termites, cockroach and other insects. The brick/ RCC surface shall be dry and damp-proof. (Rate is excluding cost of polish/ paint etc. of any type). 12 mm thick Ctg. Teak. Wooden skirting							
7	MR	MR	Supplying fitting and fixing low height Partition wall with having wooden inner frame of section 3" x 1.5" (finished) size horizontal and 3" x 1.5" (finished) size vertical louver with out side 3/4" colured melamine board with foam and febrics by cutting grooves in the frame including cost of screws, wooden bit, pivots, sand papering, etc. all complete as per design, drawing and as per standard practice and accepted by the Engineer. (All sizes of wood are finished).	sqm	34.851	7561.001	Seven Thousand Five Hundred and Sixty- One point Zero Zero One	263508.446	Two Lakh Sixty- Three Thousand Five Hundred and Eight point Four Four Six	I have seen

8	Civil	MR	Supplying fitting and fixing low height/full height cabinet with melamine board all complete in all respect as per drawing and accepted by Engineer.	sqm	14.870	10950.001	Ten Thousand Nine Hundred and Fifty point Zero Zero One	162826.515	One Lakh Sixty-Two Thousand Eight Hundred and Twenty-Six point Five One Five	I have seen
9	Civil	16.2.3	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. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors accepted by the Engineer-in-charge.	sqm	515.799	314.001	Three Hundred and Fourteen point Zero Zero One	161961.402	One Lakh Sixty-One Thousand Nine Hundred and Sixty-One point Four Zero Two	I have seen
10	Civil	22.4	Supplying, fitting and fixing special quality 10 mm thick clear tempered glass door including all accessories, 1 set floor mounted auto	sqm	6.831	15816.001	Fifteen Thousand Eight Hundred and Sixteen point	108039.103	One Lakh Eight Thousand AND Thirty-Nine point One Zero	I have seen

			door closure, 2 nos. clamping devices, 1 set locking device, top hinge and handle etc. complete in all respect as per drawing and direction of the Engineer-in-charge.				Zero Zero One		Three	
11	Electrical	4.11.1.1	Providing & fixing 250 volt single phase universal combined switch socket outlet (surface / concealed type) Manufactured/ Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size 18 SWG galvanized plain sheet board / plastic board (self-extinguishing 650 degree centigrade) of 76.2 mm. (3") depth. Sample to be approved by the Engineer-in-charge. Manufacturer shall have certificate of standard which they follow. Made in HONGKONG / MALAYSIA / SINGAPORE / S KOREA / THAILAND	nos	18.000	942.001	Nine Hundred and Forty-Two point Zero Zero One	16956.018	Sixteen Thousand Nine Hundred and Fifty-Six point Zero One Eight	I have seen
12	Electrical	4.12.1.3	Providing & fixing 250 volts. 5 / 6 amps (minimum) concealed type following switch / switch socket Manufactured / Assembled and tested in accordance with IEC / VDE / NEMA / BS / JIS along with relevant BDS IEC standards mounted on required size 18 SWG galvanized plain sheet / PVC board (Self-extinguishing 650 Degree Centigrade) of 76.2 mm (3") depth. All electrical contacts shall be of brass / copper. MADE IN ENGLAND / GERMANY / JAPAN / USA or EU countries Three gang	nos	25.000	1458.001	One Thousand Four Hundred and Fifty-Eight point Zero Zero One	36450.025	Thirty-Six Thousand Four Hundred and Fifty point Zero Two Five	I have seen

			switch							
13	Electrical	6.6.1.8	Providing & fixing the 4' x 40 watt tube light Fittings with superior quality electronic driver of one year guarantee, holder, necessary wiring with 2 X 0.4 sq. mm PVC insulated (stranded) flexible FR wire, earth terminal etc. (except lamp). The fittings shall be suitable for use of LED lamp and complete sample to be accepted / approved by the Engineer-in-charge (with 2 years warranty). Light source 20W LED T-8 tube Material: MS Sheet, Alu Sheet L-1582mm B-80mm H-85 Gloria cat no-GTF-875x 1x 20 W Energy+EPIL-43004 Cosmo Cat no-BDTCL-TLF-10 Asha Cat no-ACS ?TLS-1199 Crescent-CTLS-94x2x40 Watt or equivalent.	nos	25.000	1387.001	One Thousand Three Hundred and Eighty-Seven point Zero Zero One	34675.025	Thirty-Four Thousand Six Hundred and Seventy-Five point Zero Two Five	I have seen
14	Electrical	1.9.1.3	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / White colour PVC insulated ECC wire (BYA), through minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected through connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to relevant IEC / BDS / BS / VDE standards and as per detailed specification mentioned in Annexure-1. The work shall be carried	m	80.000	282.001	Two Hundred and Eighty-Two point Zero Zero One	22560.080	Twenty-Two Thousand Five Hundred and Sixty point Zero Eight	I have seen

			out as per direction & approval of the Engineer. 1C ? 2x4 sq. mm (BYA) with 4 sqmm (BYA) ECC wire.							
15	Electrical	1.9.1.2	Surface channel wiring with the following PVC insulated and sheathed stranded cable (BYM) & Green / White colour PVC insulated ECC wire (BYA), thr.ough minimum 1 mm thick PVC channel complete with fixing materials, other accessories etc. as required including mending the damages good. All electrical contacts shall be of brass / copper connected thr.ough connector or soldering (no twisting shall be allowed) and cables shall be manufactured and tested according to relevant IEC / BDS / BS / VDE standards and as per detailed specification mentioned in Annexure-1. The work shall be carried out as per direction & approval of the Engineer. 1C ? 2x2.5 sq. mm (BYA) with 2.5sqmm (BYA) ECC wire	m	120.000	190.001	One Hundred and Ninety point Zero Zero One	22800.120	Twenty-Two Thousand Eight Hundred point One Two	I have seen
16	Civil	6.15	Supplying, fitting and fixing 20mm to 25mm 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	sqm	37.175	1208.001	One Thousand Two Hundred and Eight point Zero Zero One	44907.437	Forty-Four Thousand Nine Hundred and Seven point Four Three Seven	I have seen

			all respect and accepted by the Engineer-in-charge. (Cement: CEM-II/B-M). Pavement tiles of size 300 mm x 300 mm							
17	Electrical	21.1.1.1	Supplying & fixing AC capacitor type ceiling fan (without regulator) of following specifications and sizes complete with minimum 305 mm (1 ft) long and 0.75 -1.0" dia, 2.3 mm thickness MS pipe down rod, tempered cast aluminum blades, 2.5 µf 400V AC capacitor, canopy, double Z ball bearing, best quality silicon sheet core, best quality copper made super enamel wire, aluminum alloyed casting body / metal body having safety pin with powder coated heat / docu paint as required as per BDS 818 etc. connecting PVC wire complete as required. Rated voltage : 230 volts Rated frequency : 50 Hz Rated speed : 300 rpm ± 5 % Service value : Minimum 3.5 m3 / min / watt Temperature rise : Maximum 55°C Class of Insulation : Minimum E Noise level : Maximum 60 dB at a distance of 1 meter. 1442 mm. (56") Sweep .Input power : Maximum 65 watt.	each	15.000	3914.001	Three Thousand Nine Hundred and Fourteen point Zero Zero One	58710.015	Fifty-Eight Thousand Seven Hundred and Ten point Zero One Five	I have seen
18	Civil	16.10.3	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,	sqm	520.446	211.001	Two Hundred and Eleven point Zero Zero One	109814.626	One Lakh Nine Thousand Eight Hundred and Fourteen point Six Two Six	I have seen

			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. Matt							
19	Civil	10.6	Supply, fabrication and installation of hot rolled structural grade steel channel and angle in roof truss or any form of structure of any thickness conforming to ASTM A36 with a minimum yield strength of 250 MPa, including the cost of testing, application of red/grey-oxide primer etc. (up to level-4) all complete as per drawing, specification and direction of Engineer-in-charge.	kg	2011.110	129.001	One Hundred and Twenty-Nine point Zero Zero One	259435.201	Two Lakh Fifty-Nine Thousand Four Hundred and Thirty-Five point Two Zero One	I have seen
20	Civil	10.2	Supply and installation of 0.47 mm thick zinc alum color coated profile sheet of durability class 2 with minimum warranty period of 10 years of durability, for roof, wall, capping, flashing, trimming, gutter etc. conforming to ASTM A792, Grade: 80, AZ150 gm/m ² , including the cost of necessary accessories (sheeting screws with washers, silicon sealant etc.), testing of materials etc. all complete as per drawing specification and direction of Engineer-in-charge (supplier has to produce papers to proof the source of material).	kg	427.500	322.001	Three Hundred and Twenty-Two point Zero Zero One	137655.428	One Lakh Thirty-Seven Thousand Six Hundred and Fifty-Five point Four Two Eight	I have seen
21	Civil	16.3.1	Standard synthetic enamel paint of approved best quality and colour delivered from	sqm	46.190	314.001	Three Hundred and Fourteen point	14503.706	Fourteen Thousand Five Hundred and Three	I have seen

			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.				Zero Zero One		point Seven Zero Six	
22	Civil	22.11	Supplying, fitting and fixing of steel iron rack made of 50 mm x 50 mm x 6.35 mm vertical and horizontal angle post, welding 63.5 mm x 6.35 mm F.I. bar placed horizontally as bracing for the posts, 38 mm x 6.35 mm cross F.I. bars welded with vertical post, 7.81 mm thick M.S plate welded as cup shape at the bottom of post, supplying and fitting rivets, charge for welding, drilling, carrying, cutting, straightening in required sizes etc complete in all respect as per drawing, design and accepted by the Engineer-in-charge.	sqm	14.870	11247.001	Eleven Thousand Two Hundred and Forty-Seven point Zero Zero One	167242.905	One Lakh Sixty-Seven Thousand Two Hundred and Forty-Two point Nine Zero Five	I have seen
23	Civil	26.17.4	Supplying, fitting and fixing of best quality single bowl stainless steel sink with heavy type CI steel brackets, 40 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	each	1.000	5299.001	Five Thousand Two Hundred and Ninety-Nine point Zero Zero One	5299.001	Five Thousand Two Hundred and Ninety-Nine point Zero Zero One	I have seen

			mending good the damages, finishing with 1:4 cement mortar etc. all complete approved and accepted by the Engineer-in-charge. Approx. 762 X 457 mm size single boel with sink tray							
24	Civil	26.29.1	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-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.Round headed CP Conceal Bib Cock short body (Essco/coaster /star/diamond/delux /deco/orbed/delin /triple/master/classic headed or similar head)	each	2.000	1172.001	One Thousand One Hundred and Seventy-Two point Zero Zero One	2344.002	Two Thousand Three Hundred and Forty-Four point Zero Zero Two	I have seen

25	Civil	26.33.1	Supplying, fitting and fixing of best quality sink 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- 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 CP concealed fixed sink cock	each	1.000	1202.001	One Thousand Two Hundred and Two point Zero Zero One	1202.001	One Thousand Two Hundred and Two point Zero Zero One	I have seen
26	Civil	26.42.3	Supplying, fitting and fixing of G.I. pipe with all special fittings, such as bends, elbows, sockets, reducing sockets, Tee, unions, jam-nuts etc. including cutting trenches where necessary and fitting the same with earth duly rammed and fixing in walls with holder bats and making hole in floors, walls and consequent mending	m	20.427	700.001	Seven Hundred point Zero Zero One	14298.920	Fourteen Thousand Two Hundred and Ninety-Eight point Nine Two	I have seen

			good the damages etc. all complete in all respects approved and accepted by the Engineer- in- charge. 25 mm dia G.I. pipe with wall thickness 3.35 mm, outside diameter min 31.7 mm, weight 2.59 kg/m, can withstand min 50 kg/cm ² hydraulic pressure.							
27	Civil	6.1.2	Supplying, fitting and fixing country made GP(Gress Porcellanto) - glazed or unglazed 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). GP (homogeneous) 400 mm x 400 mm floor tiles	sqm	27.881	1486.001	One Thousand Four Hundred and Eighty-Six point Zero Zero One	41431.194	Forty-One Thousand Four Hundred and Thirty-One point One Nine Four	I have seen
28	Civil	12.15.2	Supplying, fitting and fixing M.S. door shutters made with 38 mm x 38 mm x 6 mm angle outer frame, inner member 25 mm x 6 mm F.I. bar, cladding with 16 BWG M.S. sheet, 04 nos 75 mm long hinge, 02 nos. locking arrangement with 50 mm x 50 mm x 6 mm M.S. angle chowkat including all charges for welding, riveting etc. including cost of supplying all essential fittings like iron hinges, socket bolts, clamps, for fitting and fixing the frame, making necessary holes in brick walls and	sqm	2.277	7636.001	Seven Thousand Six Hundred and Thirty-Six point Zero Zero One	17387.174	Seventeen Thousand Three Hundred and Eighty-Seven point One Seven Four	I have seen

			R.C.C works and fitting with C.C. (1:2:4) and mending good the damages including all cost of carriage, workshop charges, electricity and labour for fittings, fixing, curing etc. all complete and accepted by the Engineer-in-charge.							
29	Civil	13.5.4	Supply, fitting & fixing window grills made of 12 mm x 12 mm M.S. solid bar @100 mm c/c as inner members but no outer frame, with 25 x 6 mm F.I. Bar for Clamp;including fabrication, welding, cost of electricity workshop charges, carriage, cutting grooves, mending good the damages, tools and plants, finished with anti-corrosive painting (Red-Oxide) etc. all complete for all floors accepted by the Engineer-in-charge. (Total weight per sqm should be approx 15 kg and add or deduct @ Tk. 100.00 for each kg/sqm excess or less respectively)	sqm	2.509	2400.001	Two Thousand Four Hundred point Zero Zero One	6021.603	Six Thousand AND Twenty-One point Six Zero Three	I have seen
30	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, 32mm,0.605 kg/m), minimum 1.2 mm thick outer top (size 75.50 mm, 28.50 mm0.705 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),	sqm	2.509	3814.001	Three Thousand Eight Hundred and Fourteen point Zero Zero One	9569.329	Nine Thousand Five Hundred and Sixty-Nine point Three Two Nine	I have seen

			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 micrones in thickness or powder coated to any colour with a coat not less than 25 micrones 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, carriage, and electricity complete in all respect as per drawing and accepted by the Engineer-in-charge. Anodized to any colour							
31	Civil	14.16.1.4.1	Supplying, fitting and fixing in Aluminium door frames, windows, partitions and curtain wall distortion free glass of approved quality and shade including cost of fitting fixing all necessary accessories etc. complete in all respect as per drawing and accepted by the Engineer-in-charge. 5 mm thick reflective	sqm	2.509	1659.001	One Thousand Six Hundred and Fifty-Nine point Zero Zero One	4162.434	Four Thousand One Hundred and Sixty-Two point Four Three Four	I have seen

			glass							
								Grand Total:	2153630.809	Twenty- One Lakh Fifty- Three Thousand Six Hundred and Thirty point Eight Zero Nine

This Priced Bill of Quantities (BOQ) is Electronically Signed by Mrs. Jabun Nessa Begum on behalf of M/S. JOSHNA INTERNATIONAL