

M/S. Rigne 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	-	N/A	Mobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the EnginMobilization and cleaning site before commencing actual physical work and during contract period and demobilization after completion of the works under contract to be accepted by the Engineer-in-charge. This work shall also cover clayey cleaning and clearing, cutting or filling, dressing the project area on and in the ground to an extent that all the events of works of the project can be executed smoothly in a working environment with a particular attention on safety and security in all respects, and to stockpile the end outcome to a place for disposal agreed by the Engineer-in-charge, where, payments are to be based on ground area determined by the Engineer-in-charge and be proportionate to the percentage progress of work under contract as a whole in all respects and approved by the Engineer-in-charge.	sqm	16.000	218.001	Two Hundred and Eighteen point Zero Zero One	3488.016	Three Thousand Four Hundred and Eighty-Eight point Zero One Six	I have seen
2	-	N/A	Earthwork in excavation in foundation trenches up to 1.5 m depth and maximum 10 m lead: in soft clayey soil / loose sand / silt .	cum	4.000	168.001	One Hundred and Sixty-Eight point Zero Zero One	672.004	Six Hundred and Seventy-Two point Zero Zero Four	I have seen
3	-	N/A	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150 mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture	cum	7.830	1087.001	One Thousand AND Eighty-Seven point Zero Zero One	8511.218	Eight Thousand Five Hundred and Eleven point Two One Eight	I have seen

			content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only, all complete and accepted by the Engineer-in-charge.							
4	-	N/A	One layer brick flat soling in foundation or in floor with first class/picked jhama bricks including preparation of bed and filling the interstices with local sand, leveling etc. complete and accepted by the Engineer-in charge	sqm	14.480	517.001	Five Hundred and Seventeen point Zero Zero One	7486.174	Seven Thousand Four Hundred and Eighty-Six point One Seven Four	I have seen
5	-	N/A	Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2.	cum	1.090	8885.001	Eight Thousand Eight Hundred and Eighty-Five point Zero Zero One	9684.651	Nine Thousand Six Hundred and Eighty-Four point Six Five One	I have seen
6	-	N/A	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 sqm	sqm	92.110	46.001	Forty-Six point Zero Zero One	4237.152	Four Thousand Two Hundred and Thirty-Seven point One Five Two	I have seen
7	-	N/A	125 mm brick works with f125 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) In ground floor	sqm	37.510	1184.999	One Thousand One Hundred and Eighty-Four point Nine Nine Nine	44449.312	Forty-Four Thousand Four Hundred and Forty-Nine point Three One Two	I have seen
8	-	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	cum	5.840	14624.001	Fourteen Thousand Six Hundred and Twenty-Four point Zero Zero One	85404.166	Eighty-Five Thousand Four Hundred and Four point One Six Six	I have seen

			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 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)							
9	-	N/A	Centering and shuttering, including strutting, propping etc. and removal of form for: Individual and combined footing	sqm	67.970	523.001	Five Hundred and Twenty-Three point Zero One	35548.378	Thirty-Five Thousand Five Hundred and Forty-Eight point Three Seven Eight	I have seen
10	-	N/A	Grade 400 (RB 400 /RB 400W: complying BDS ISO 6935-2:2006) ribbed or deformed bar produced and marked according to Bangladesh standard, with minimum yield strength, fy (ReH)= 400 MPa but fy not exceeding 450 MPa and whatever is the 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 16% and 8% respectively : up to ground floor.	kg	890.140	100.001	One Hundred point Zero Zero One	89014.890	Eighty-Nine Thousand AND Fourteen point Eight Nine	I have seen
11	-	N/A	New Plaster work ,minimum 12 mm thick cement sand plaster	sqm	98.890	299.001	Two Hundred	29568.209	Twenty-Nine	I have

			with fresh cement to wall of inner side, finishing the corner and edges including washing of sand cleaning the surface ,scaffolding and curing at least for 7 days, cost of water, electricity and other charges etc. all complete in all respect as per drawing and accepted by Engineer.				and Ninety- Nine point Zero Zero One		Thousand Five Hundred and Sixty- Eight point Two Zero Nine	
12	-	N/A	Supplying, fitting and fixing country made mirror polished homogeneous 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	sqm	14.770	2173.999	Two Thousand One Hundred and Seventy- Three point Nine Nine	32109.965	Thirty-Two Thousand One Hundred and Nine point Nine Six Five	I have seen
13	-	N/A	Exterior standard acrylic emulsion paint of approved best quality and color having water resisting properties and resistance properties against fungi, fading & flaking delivered from authorized local agent of the manufacturer (Berger weather coat smooth/ Elite smooth exterior/ Asian apex weather coat or equivalent brand) in a sealed container; applying to exterior surface 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 1 coat of exterior sealer of specified brand on prepared surface; then applying 1 coat of exterior putty of specified brand for levelling, spot filling, crack filling and cutting by sand paper/zero water paper; finally applying 2 coats of exterior emulsion paint by spreading with brush/roller/spray machine & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-in-charge.	sqm	37.510	274.001	Two Hundred and Seventy- Four point Zero Zero One	10277.778	Ten Thousand Two Hundred and Seventy- Seven point Seven Seven Eight	I have seen
14	-	N/A	Interior standard acrylic emulsion paint (plastic or matt finish) of approved beslntedor	sqm	67.170	258.001	Two Hundred and Fifty-	17329.927	Seventeen Thousand Three	hav see

			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 sudac? preparation including cleaning, drying, making free from dirt, grease, wax, removing all chalked and scaled materials, fungicides, 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 leveling, spackling, crack filling and cutting by sand paper/zarwal paper; finally applying 2 coats of interior emulsion paint spreading by brush/roller/spray & necessary scaffolding etc. upon desired finishing, elapsing specified time for drying or recoating; all completed all floors and accepted by the Engineer-in-charge.				Eight point Zero Zero One		Hundred and Twenty-Nine point Nine Two Seven	
15	-	N/A	"CEILING FAN -Supplying & fixing AC capacitor type ceiling fan (without regulator) of following specifications and sizes complete with minimum 1 m long and 0.75 - 1 inch dia, 2.3 mm thickness MS pipe down rod, tempered cast aluminum blades. 2.5 pf 400V AC capacitor, fan, bearing, best quality silicon sheet, core, best quality copper made super enamel wire, aluminum alloyed casting body / metal, insulating, rfd pl, etc. as required as per BDS 8t8 etc. connecting PVC wire complete as required. Rated voltage : 2_10 volts Rated frequency : 50 Hz Rated speed : 100 rpm $\pm$ 5 % Service value : Minimum 0.5 mJ / min / watt Temperature rise : Maximum 55°C Class of Insulation : Minimum E Noise level : Maximum 60 dB at a distance of 1 meter." 1400 mm. (56 inch) Sweep Input power: Maximum 65 watt	each	1.000	3914.001	Three Thousand Nine Hundred and Fourteen point Zero Zero One	3914.001	Three Thousand Nine Hundred and Fourteen point Zero Zero One	I have seen
16	-	N/A	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	sqm	2.070	7630.001	Seven Thousand Six Hundred and Thirty	15794.102	Fifteen Thousand Seven Hundred and Ninety-	I have seen

			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 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. (Rate is excluding the costs of painting).				point Zero Zero One		Four point One Zero Two	
17	-	N/A	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 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 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.	sqm	3.340	5190.001	Five Thousand One Hundred and Ninety point Zero, Zero One	17334.603	Seventeen Thousand Three Hundred and Thirty- Four point Six Zero Three	I have seen

			Size up to: 900 mm x 1400 mm Anodized to any colour							
18	-	N/A	Supplying, fitting and fixing window grill made of 12 mm x 12 mm M.S. solid bar @ 100mm c/c with outer frame of 38 mm x 6mm F.I. bar and 25 mm x 6 mm F.I. bar for clamp as per design including fabrication, welding, cost of electricity workshop charges, labour charges for fitting and fixing grills in position, local carriage charges, cutting grooves, mending good the damages, tools and plants, finished with anti-corrosive painting (Red-Oxide) etc. complete for all floors approved and accepted by the Engineer-in-charge. (Total weight per sqm should be approx 19 kg and add or deduct @ Tk. 100.00 for each kg/sqm excess or less respectively)	sqm	3.340	2825.001	Two Thousand Eight Hundred and Twenty-Five point Zero Zero One	9435.503	Nine Thousand Four Hundred and Thirty-Five point Five Zero Three	I have seen
19	-	N/A	Epoxy enamel paint of approved quality and colour delivered from authorized local agent of the manufacturer 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 Engineer-in-charge.	sqm	4.150	461.001	Four Hundred and Sixty-One point Zero Zero One	1913.154	One Thousand Nine Hundred and Thirteen point One Five Four	I have seen
20	-	N/A	Supplying, fitting and fixing of 100 mm inside diameter and wall thickness 2.7 mm - 3.4mm best quality uPVC rain water down pipe fitting, fixed in position with head and shoes, bends, minimum 20 mm width F.I. Bar clamp and nails, and including all accessories such as round grating/domed roof grating, bands, sockets approved and accepted by the Engineer-in-charge.	m	20.000	993.001	Nine Hundred and Ninety-Three point Zero Zero One	19860.020	Nineteen Thousand Eight Hundred and Sixty point Zero Two	I have seen
21	-	N/A	Supplying, fitting and fixing of LED Light etc complete in all	each	2.000	650.001	Six Hundred and Fifty	1300.002	One Thousand Three	I have seen

			respect accepted by the Engineer-in-charge.				point Zero Zero One		Hundred point Zero Zero Two	
22	-	N/A	Supply of Cable:(i) 4O/76.3Core (ii)Size:7/22 &2.5 RM(iii) Color:Red	m	60.000	90.001	Ninety point Zero Zero One	5400.060	Five Thousand Four Hundred point Zero Six	I have seen
23	-	N/A	4 Gang Switch(i) Brand:MK(ii) Current:15Amps	pcs	4.000	575.001	Five Hundred and Seventy- Five point Zero Zero One	2300.004	Two Thousand Three Hundred point Zero Zero Four	I have seen
24	-	N/A	2-Pin Socket (i) Brand:MK(ii) Current:15Amps	pcs	4.000	550.001	Five Hundred and Fifty point Zero Zero One	2200.004	Two Thousand Two Hundred point Zero Zero Four	I have seen
25	-	N/A	Ebonite Sheet(i) Length-7" inch(ii) Width-6" inch(iii) Thickness-4mm	pcs	4.000	70.001	Seventy point Zero Zero One	280.004	Two Hundred and Eighty point Zero Zero Four	I have seen
26	-	N/A	Providing and fixing standard service clamp for jointing service cablewith the overhead conductor complete as required.	set	15.000	133.001	One Hundred and Thirty- Three point Zero Zero One	1995.015	One Thousand Nine Hundred and Ninety- Five point Zero One Five	I have seen
27	-	N/A	"safety measure item (gum boot = 4 pairs, visible vest = 4 nos , helmet =4 nos, hand gloves =4 pairs etc) & net (hessian cloth = 3 pcs , Fly proof net = 3 pcs, saftey belt = 2 nos etc) around construction work place (along the height of the building) 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-charge. "	item	1.000	4700.001	Four Thousand Seven Hundred point Zero Zero One	4700.001	Four Thousand Seven Hundred point Zero Zero One	I have seen
							Grand Total:	464208.313	Four Lakh Sixty-Four Thousand Two Hundred and Eight point Three One Three	