

M/S. SABBIR ENTERPRISE**Section 6. Bill of Quantities****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	N/A	N/A	Sand filling in foundation trenches and plinth with sand having F.M. 0.5 to 0.8 in 150mm layers including leveling, watering and compaction to achieve minimum dry density of 95% with optimum moisture content (Modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the Engineer-in-charge.	Cum	5.612	700.001	Seven Hundred point Zero Zero One	3928.406	Three Thousand Nine Hundred and Twenty-Eight point Four Zero Six
2	N/A	N/A	Supplying and laying of single layer polythene sheet weighing one kilogram per 6.5 square meter in floor or any where below cement concrete complete in all respect and accepted by the Engineer -in-charge.	Sqm	36.837	100.001	One Hundred point Zero Zero One	3683.737	Three Thousand Six Hundred and Eighty-Three point Seven Three Seven
3	N/A	N/A	Single layer brick flat soling in road work with first class or picked jhama bricks as per alignment, camber and grade including filling joints with sand (F.M. 0.80) etc. complete including cost of all materials and accepted by the Engineer-in-charge.	Sqm	36.837	750.001	Seven Hundred and Fifty point Zero Zero One	27627.787	Twenty-Seven Thousand Six Hundred and Twenty-Seven point Seven Eight Seven
4	N/A	N/A	Reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having maximum water cement ratio = 0.40 and minimum f _{cr} = 33.5 MPa, satisfying a specified compressive strength f _c = 25 MPa at 28 days on standard cylinders as per standard practice of Code	Cum	4.676	11500.001	Eleven Thousand Five Hundred point Zero Zero One	53774.005	Fifty-Three Thousand Seven Hundred and Seventy-Four point Zero Zero Five

			ACI/BNBC/ASTM, Cement conforming to BDS EN-197-1-CEM-I, 52.5N (52.5 MPa) / ASTM-C 150 Type I, best quality Sylhet sand or coarse sand of equivalent F.M. 2.2 and 20 mm down well graded 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, 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. (Rate is excluding laboratory test fees, the cost of reinforcement and its fabrication, placing, binding etc. and the cost of shuttering & centering). Individual & combined footing, pile cap, raft/mat, floor slab and foundation beam up to plinth level						
5	N/A	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.	Kg	349.920	100.001	One Hundred point Zero Zero One	34992.350	Thirty-Four Thousand Nine Hundred and Ninety-Two point Three Five
6	N/A	N/A	Providing expansion joints across the R.C.C. road pavement with 20 mm gap between the adjacent panels. Supplying dowel bars of size 12 mm dia and 600 mm long M.S rod placed @ 750 mm c/c. 300 mm of the bar being fixed within one slab keeping remaining portion the bar free	Rm	3.658	350.001	Three Hundred and Fifty point Zero Zero One	1280.304	One Thousand Two Hundred and Eighty point Three Zero Four

			within the adjacent slab being inserted in 20 mm dia and 300 mm long P.V.C. pipe embedded in the slab, inside of pipe fully greased, filling the gap between the slabs (with admixture) of hot bitumen and coarse sand (F.M. 2.2) in proportion of 2:1, finishing the top with bitumen, spreading coarse sand over the joint, all complete as per plan, drawing and accepted by the Engineer-in-charge.						
7	N/A	N/A	"Minimum 12 mm thick cement sand (F.M. 1.2) plaster (1:4) with fresh cement to wall both inner-and outer surface, 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 the Engineer-in-charge. (Cement: CEM-II/A-M). Ground floor."	Sqm	15.627	250.001	Two Hundred and Fifty point Zero Zero One	3906.766	Three Thousand Nine Hundred and Six point Seven Six Six
8	N/A	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 spreading by brush/roller/spray & necessary scaffolding etc. upto desired finishing, elapsing specified time for drying or recoating; all complete in all floors and accepted by the Engineer-incharge.	Sqm	90.232	230.001	Two Hundred and Thirty point Zero Zero One	20753.450	Twenty Thousand Seven Hundred and Fifty-Three point Four Five

9	N/A	N/A	"Standard synthetic enamel paint of approved best quality and colour delivered from authorized local agent of the manufacturer (Berger jhlik synthetic enamel/Elite quick drying/Asian decora synthetic enamel or equivalent brand) 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	7.813	249.001	Two Hundred and Forty-Nine point Zero Zero One	1945.445	One Thousand Nine Hundred and Forty-Five point Four Four Five
10	N/A	N/A	Supply and installation of 0.47 mm thick zinc alum color coated profile sheet for roof, wall, capping, flashing, trimming, gutter etc. conforming to ASTM A792, Grade: 80, AZ150 gm/m2, 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.	Kg	733.780	279.718	Two Hundred and Seventy-Nine point Seven One Eight	205251.474	Two Lakh Five Thousand Two Hundred and Fifty-One point Four Seven Four
							Grand Total:	357143.724	Three Lakh Fifty-Seven Thousand One Hundred and Forty-Three point Seven Two Four

*** Note: All applicable taxes, custom duties, VAT and other levies payable by the Contractor under the Contract shall be included in the unit prices submitted by the Tenderer.**

This Section 6. Bill of Quantities is Electronically Signed by Mr. Abdul Latif on behalf of M/S. SABBIR ENTERPRISE