

S.R.B ENGINEERING**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	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	8.920	518.001	Five Hundred And Eighteen Point Zero Zero One	4620.568	Four Thousand Six Hundred And Twenty Point Five Six Eight	I have seen
2	Civil	N/A	125 mm brick work with first class bricks with cement sand (F.M. 1.2) mortar (1:6) 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/A-M) In ground floor.	sqm	30.670	1160.001	One Thousand One Hundred And Sixty Point Zero Zero One	35577.230	Thirty-Five Thousand Five Hundred And Seventy-Seven Point Two Three	I have seen
3	Civil	N/A	"Damp proof course (DPC) (1:1.5:3) of cement concrete with cement, sand and picked jhama brick chips or stone chips including breaking of chips, screening, centering, shuttering, casting, curing and finishing with a coat of bitumen including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. Cement: CEM-II/A-M) 75 mm thict damp pool coulse (1:1.5:3)with c?ment, Sylhet sand (F.M. 2.2) and stone chips "	Cum	27.050	1528.000	One Thousand Five Hundred And Twenty-Eight	41332.400	Forty-One Thousand Three Hundred And Thirty-Two Point Four	I have seen
4	Civil	N/A	Mass concrete (1:2:4) in foundation or in floor with cement, sand (F.M. 1.2) and picked jhama brick chips including breaking of chips, screening, mixing, laying, compacting to required level and curing for at least 7 days including the supply of water, electricity, costs of tools & plants and other charges etc. all complete and accepted by Engineer-in-charge. (Cement: CEM-II/A-M) Mass concrete in foundation (1:2:4) with brick chips and local sand of F.M. 1.2.	Sqm	4.450	8886.001	Eight Thousand Eight Hundred And Eighty-Six Point Zero Zero One	39542.704	Thirty-Nine Thousand Five Hundred And Forty-Two Point Seven Zero Four	I have seen
5	Civil	N/A	Reinforced cement concrete works using wooden shutter, with minimum cement content relates to mix ratio 1:2:4 having minimum f'cr = 24 Mpa, and satisfying a specified compressive strength f'c= 19 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM & cement conforming to BDS EN-197-1- CEM 1, 52.5N 52.5MPa) / ASTM-C 150 Type ? I, best quality sand [50% quantity of best local sand (F.M. 1.2) and 50% quantity of Sylhet sand or coarse sand of equivalent F.M. 2.2] and 20 mm down well graded picked jhama brick chips conforming ASTM C-33 including breaking chips and screening, making, placing shutter in position and maintaining true to plumb, making shutter water-tight properly, placing reinforcement in position; mixing in standard mixer machine with hoper 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, additional testing charges of materials and cyllinders required by engineer, other charges etc. all complete approved and accepted by the Engineer.(Rate is excluding the cost of reinforcement and its fabrication, placing and binding etc)	Cum	4.460	8419.001	Eight Thousand Four Hundred And Nineteen Point Zero Zero One	37548.744	Thirty-Seven Thousand Five Hundred And Forty-Eight Point Seven Four Four	I have seen

6	Civil	N/A	FORMWORK (Wooden) for boundary wall, gate, entry post etc.	sqm	44.760	429.000	Four Hundred And Twenty-Nine	19202.040	Nineteen Thousand Two Hundred And Two Point Zero Four	I have seen
7	Civil	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	445.210	121.000	One Hundred And Twenty-One	53870.410	Fifty-Three Thousand Eight Hundred And Seventy Point Four One	I have seen
8	Civil	N/A	Minimum 12 mm thick cement sand (F.M. 1.2) plaster with neat cement finishing to plinth wall with cement (1:4) up to 150 mm below ground level including washing of sand, finishing the edges and corners and 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/A-M) ground floor.	Sqm	318.530	373.001	Three Hundred And Seventy-Three Point Zero Zero One	118812.008	One Lakh Eighteen Thousand Eight Hundred And Twelve Point Zero Zero Eight	I have seen
9	Civil	N/A	Renewing of Exterior premium acrylic emulsion paint of approved brand and quality	sqm	224.530	177.001	One Hundred And Seventy-Seven Point Zero Zero One	39742.034	Thirty-Nine Thousand Seven Hundred And Forty-Two Point Zero Three Four	I have seen
10	Civil	N/A	Renewing of Interior Premium acrylic emulsion painting (silky finish)to walls and ceiling: 2 coat	sqm	285.130	179.001	One Hundred And Seventy-Nine Point Zero Zero One	51038.555	Fifty-One Thousand And Thirty-Eight Point Five Five Five	I have seen
11	Civil	N/A	Renewing of premium synthetic enamel paint to door-windows frame and shutter: 2coat	sqm	76.270	154.001	One Hundred And Fifty-Four Point Zero Zero One	11745.656	Eleven Thousand Seven Hundred And Forty-Five Point Six Five Six	I have seen
12	Civil	N/A	Sand filling in foundation trenches and plinth with sand having minimum F.M. 0.5 in 150 mm 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, all complete and accepted by the Engineer-in-charge.	sqm	40.820	1088.001	One Thousand And Eighty-Eight Point Zero Zero One	44412.200	Forty-Four Thousand Four Hundred And Twelve Point Two	I have seen
13	Civil	N/A	Surface conduit wiring with the following Fire & Flame Retardant (FR) insulated and stranded cable and FR (PvC) insulated ECC wire connecting ends through PVC conduit of reputed manufacturer complete with 18 swc GP sheet pull box with 3 mm thick ebonite sheet cover' fixing materials' other accessories etc. including mending the dantagcs good as required' Allelectricalcontactsshallbeofbrasscoppelconnectedthroughconnectoror soldering (no twisting shall be allowed; and cables shall be manufactured and tested according to IEC / BS / VDE standards along with relevant BDS standard as per detailed lpecification mentioned in Annexure-I The work shall be carried out as per direction & approval ofthe Engineer In Charge' "1C-2x1.5 sqmm (F'R) cable with 1.5 sqmm (FR) ECC wire through PVC pipe of minimum inner dia 20 mm having wall thickness of 1 5 mm"	RM	10.000	200.000	Two Hundred	2000.000	Two Thousand	I have seen
							Grand Total:	499444.549	Four Lakh Ninety-Nine Thousand Four	

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This Priced Bill of Quantities (BOQ) is Electronically Signed by Mr. Saifur Babul on behalf of S.R.B ENGINEERING