

Bill of Quantities (BoQ) for Construction Materials to Establish Framework Agreement for 2 years

S/L	Description of Item	Quantity	UOM	Unit Price	Total Price	Delivery Location
1	1st Class Brick: Size: 242 X 114 X 70 mm, tolerance for length is ± 3 mm and width and thickness ± 1.5 mm, Colour: Uniform crimson red, Shape: Sharp edge & plain surface, Sound: Knocking two bricks with each other should give metallic sound, Nail test: should not have any fingernail impression upon scratching, Strength: Min. 17.2 MPa (2500 psi)	250000	Nos.			C06,07,10,11,12,13,14,15, 16 and 19.
2	Bricks Chips: 1st class pigged bricks chips, Size: 20 ± 3 mm downgraded, conforming to ASTM C33, Particles contents finer than 9.50 mm should not be more than 50%, Particles finer than 4.75 mm should not be more than 10%, Cleanliness: Should be free from dirt, organic materials, debris, etc.	8000	CFT			C06,07,10,11,12,13,14,15, 16 and 19.
3	Cement: Portland Composite Cement (PCC) conforming to ASTM C150 Type I or EN 197 CEM II, CEM IIIA or CEM IIIB, grade 42.5 Mpa, Smoothness: Should be free from grains or lumps, Packaging: Every packet should be in good condition, intact and dry, showing cement type, net weight, date of manufacturing. 50 kg per bag.	15000	Bag			C06,07,10,11,12,13,14,15, 16 and 19.
4	Construction sand: Min FM(1.2-1.8)FM (River sand, Golden or white colour), Sand will be free from all harmful ingredients, (exp: silt, salt, organic matter, any other foreign materials).	15000	CFT			C06,07,10,11,12,13,14,15, 16 and 19.
5	Local Sand (Filling Sand): Min FM(0.8-1.2) FM (River sand, Golden or white colour), Sand will be free from all harmful ingredients, (exp: silt, salt, organic matter, any other foreign materials).	180000	CFT			C06,07,10,11,12,13,14,15, 16 and 19.
6	Construction Sand: Medium Sand for Masoning Minimum FM 2.0-2.5 FM.	1000	CFT			C06,07,10,11,12,13,14,15, 16 and 19.
7	Construction sand: Sand Sylhet sand (red sand) for Masoning Minimum 2.6 FM.	3500	CFT			C06,07,10,11,12,13,14,15, 16 and 19.
8	MS Rod : 10MM MS Rod Appearance: Should be free from surface imperfections (i.e. include, but are not limited to rust, laps, seams, scabs, slivers, cooling or casting cracks, mill or guide marks, etc.), Strength: 420 MPa (60 ksi), Bending test: 180° bend around a pin of 35 mm diameter should not cause any crack on the outside radius, Certification: The manufacturer should provide relevant certificates and test results (i.e. tensile strength, max. elongation, elasticity, etc.) from reputed organizations, not older than 3 months.	2000	Kg			C06,07,10,11,12,13,14,15, 16 and 19.
9	Geo-textile Roll: Size-100 Meter Roll x 5 Mtr wide, Color: Gray, Fabric: Non-Woven Engineered Fabric, Thickness: GSM 500, Purpose: Erosion protection.	100	Roll			C06,07,10,11,12,13,14,15, 16 and 19.
10	Geo-textile Bag: Size-36" x 22" wide, Color: Gray, Fabric: Non-Woven Engineered Fabric, Thickness: GSM 350, Purpose: Erosion protection.	7500	Nos.			C06,07,10,11,12,13,14,15, 16 and 19.

11	Pipe: 2" U-PVC Pipe,Class-C1, 2.5 -2.80 mm thickness	3900	Meter			C13 and C16
12	Pipe: 2.5" U-PVC Pipe,Class-C1, 3-3.5 mm thickness	600	Meter			C13 and C16
13	Pipe: 3" dia PVC Pipe white Colure 2.7mm -3.00mm thickness	600	RFT			C13 and C16
14	Borak Bamboo : Length 20 feet, Diameter: Bottom: 3.5 inch to 4 inch, dia less than 3.5 inch should not be allowed, Age: 3 – 5 years old, naturally matured. North area Bamboo. Not accepted local low thickness bamboo.	5000	Nos.			C06,07,10,11,12,13,14,15, 16 and 19.
15	Borak Bamboo Treated : Length 20 feet, Diameter: Bottom: 3.5 inch to 4 inch, dia less than 3.5 inch should not be allowed, Age: 3 – 5 years old, naturally matured. North area Bamboo. Not accepted local low thickness bamboo.	5000	Nos.			C13 and C16
16	Muli Bamboo : Muli Bamboo, Length min 16 feet, Diameter: Bottom: min 1.6 inch(Measurement at 1/3 length from the toe of the bamboo). No insect, Mouldy and fungi defect in the circumstance. Naturally matured.	200000	Nos.			C13 and C16
17	Tarpaulin: 6MX4M humanitarian grade (260 GSM). Color: preferably white or blue/grey, sun reflective on both sides. Inner black fibers to ensure opacity. e.g. 300 gsm, (6MX4M size 1 Tarpaulin=6.3.00 kg), Gread:1	4900	Nos.			C13 and C16
18	Tarpaulin: (Size: 5.5 X 9 Meter), Color: preferably Green, sun reflective on both sides. Inner black fibers to ensure capacity. E.g. 400 gsm Minimum weight-9 Kg which only for FSM Repairing and maintenance purpose.	15	Nos.			C13 and C16
19	Nylon Rope Dia:6mm: Colour: black/blue/dark green, Woven with minimum 2 or 3 strands with the possibility of being unravelled and Elastic & Soft.	10000	KG			C13 and C16
20	Nylon Rope Dia:3mm: Colour: black/blue/dark green, Woven with minimum 2 or 3 strands with the possibility of being unravelled and Elastic & Soft.	7500	KG			C13 and C16
21	Nylon Rope Dia:2mm: Colour: black/blue/dark green, Woven with minimum 2 or 3 strands with the possibility of being unravelled and Elastic & Soft.	3200	KG			C13 and C16
22	1.3 mm GI Wire: Low carbon steel, hot dip galvanised tie wire 16 gauge	3000	KG			C13 and C16
23	Jute bags: A standard natural jute sack, size approx. Plain weave with center stitched line, suitable for packing 50–60 kg dry goods such as rice and grains. Strong, reusable, biodegradable, and moisture content below 14%.	1800	Nos.			C13 and C16

24	Plastic Bag: 3'-0" x 1'-10" size, Capacity 50 Kg Plastic Bag	1000	Nos.			C13 and C16
25	Lock & Chain: Padlock: 60 mm size padlock with hardened steel/brass body, complete with keys. Thick cast iron chain (min. 3 feet long)	1000	Nos.			C13 and C16
26	Polythene: Colour: Solid Black, Material Type: Low-Density Polyethylene (LDPE), Thickness (Gauge): 250 gauge/ 75 microns. Width: 2m, Length=50 to 100m, ISO 9001 certified manufacturing, Rolls to be shrink-wrapped or packed in moisture-proof bags.	500	KG			C13 and C16
Grand Total BDT						