Annexure-2

Ref: YPSA/COX/ 1009 /2026
Date:18/11/2026

Detailed Specification and Price Schedule

Supply of Materials for Shelter Upgradation and WASH Activities in Rohingya Camps

Schedule – A

Materials Category: Shelter Materials

Sl. No.	Name of Goods/Service	Description/Specification	Brand Name (If applicable)	Quantity	UoM	Unit Price (Tk.)	Total Price (Tk.)
1	Borak Bamboo (Treated)	Length: 20 feet; bottom diameter: 3.5–4 inches (below 3.5 inches is not acceptable). Must be naturally matured (3–5 years old) and sourced from the northern region of Bangladesh. Immature, undersized, cracked, or defective bamboo will not be accepted. All bamboo must be properly chemically treated to ensure protection against termites, borers, fungi, and premature deterioration. The supplier must follow an approved Bamboo Treatment Plan covering selection, seasoning, chemical treatment, drying and storage. YPSA Engineers will conduct regular monitoring and quality inspections. Materials will only be accepted after satisfactory treatment and final quality approval by Engineers.		3860	Pcs		
2	Muli Bamboo	Muli Bamboo, Length min 16 feet, Diameter: Bottom: min 1.5 inch (Measurement at 1/3 length from the toe of the bamboo). The bamboo must be naturally matured, 1–2 years old. Immature, undersized, cracked, or defective bamboo will not be accepted.		128400	Pcs		
3	4m X 6m tarpaulin	Humanitarian-grade, Grade 1, size 6m × 4m (24 sqm), Fire Retardant, made of high-density polyethylene (HDPE) woven black fibers with low-density polyethylene (LDPE) coating on both sides. Colour preferably white, sun-reflective on both sides, with an inner black fibers layer to ensure opacity and privacy. Minimum weight 260 GSM (approximately 6.3 kg per sheet), waterproof, UV-resistant and tear-resistant, with reinforced edges, attachment bands and eyelets, suitable for emergency shelter use.		2480	Pcs		
4	6 mm rope	Polypropylene or similar, diameter: 6 mm. Average 50mt length. Preferred colour: black /blue/ dark green. Woven with 2 or 3 strands, with the possibility of being unraveled.		4960	Kg		
5	3 mm rope	Polypropylene or similar, diameter: 3mm. Average length: 50 m. Preferred colour: black/ blue/ dark green. Woven with 2 or 3 strands, with the possibility of being unraveled.		5040	Kg		
5	Binding Wire: (18 no)	Binding Wire: (18 no) low carbon steel, hot dip galvanized tie wire		1200	Kg		

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7	Lock and chain	Small durable padlock with 2 keys, thick cast iron chain (min. 3 feet long)		1200	Pcs		
8	Jute Bag	18'x36' Jute bag		2400	Pcs		
9	Handsaw	Hand saw for wood and bamboo cutting. High carbon steel blade with precision ground cross-cut triple ground teeth (7-8 TPI), hardened teeth for long sharpness. Ergonomically contoured impact-resistant ABS handle with non-slip TPR rubber grip, securely fixed with 3 screws.		80	Piece		
10	Measuring Tape	Retractable steel measuring tape with auto-lock or thumb-lock mechanism. Impact-resistant ABS case with shock-absorbing rubber over-mold. Yellow coated flexible steel blade with dual metric (cm/mm) and imperial (ft/inch) graduations. True-zero magnetic end hook with 3 rivets.		80	Piece		
11	Claw Hammer	Curved claw carpenter's hammer for nail driving and pulling. Drop forged, heat-treated high carbon steel head with polished striking face and claw. Shock-absorbing fiberglass handle or tubular steel core with ergonomically textured TPR anti-slip grip.		80	Piece		
12	Pliers	Heavy-duty combination linesman/cutting pliers. Drop forged chrome-vanadium (Cr-V) steel with induction hardened cutting edges (58-62 HRC) for cutting copper and steel wires. Serrated gripping jaws for flat and round stock. High-voltage insulated bi-material soft grips.		80	Kg		
13	Auger Drill	Manual wood auger drill bit (T-handle or brace shank) with threaded screw lead point for self-feeding. Single spur and cutting lip for clean boring into hard and soft timber/bamboo. Fully heat-treated carbon steel flute for rapid chip evacuation.		80	Piece		
14	Level Pipe	Transparent, flexible PVC water level tubing for masonry, foundation, and grading elevation alignment. Clear visibility of water meniscus without air bubble entrapment, kink-resistant, UV-stabilized, flexible in normal ambient temperatures.		400	m		
15	Adjustable Wrench	Precision machined adjustable wrench (monkey/shifting spanner) with laser-etched metric scale on jaw. Smooth-turning knurled adjustment worm screw with minimal jaw play. Drop-forged chrome vanadium steel, rust-resistant chrome plated or phosphate finish with ergonomic grip.		400	Nos		
16	Hand Gloves	Heavy-duty safety work gloves. Seamless knit liner (13-gauge nylon/polyester) with textured crinkle latex or nitrile palm coating for high cut/abrasion resistance and firm grip in dry/wet conditions. Elastic knitted wrist cuff to prevent debris entry.		160	Pair		
17	Tool Bag/Box	Heavy-duty water-repellent ballistic polyester fabric tool bag or rugged polypropylene (PP) plastic toolbox. Reinforced bottom base with non-skid rubber feet. Multiple internal and		80	Nos		

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		external utility pockets, heavy-duty industrial zipper, padded adjustable shoulder strap & ergonomic handle.					
18	Metal Footing	Supplying metal Footing with 400mmx200mm x4mm Baseplate on 2x1075 mmx38mmx4mm thickness flat bar. Two connectors welded by same flat bar (100x50x 4mm thick Flat bar) as per mentioned point. Included150mm long and 12mm diameter full threated nut & bolt and 2mm thickness 4 no's metal washers having 14mm hole. Each metal footing weight must be calculated on volume of metal x 7850.00 kg/m3. One coat read lead primer should be used in all surfaces. All complete as per drawing design and specification (Please see attached design)		260	Piece		
19	PVC Rope	1 bundle is approximately 60mt long.		200	Bundle		
20	1.5 mm GI Wire	Low carbon steel, hot dip galvanised tie wire 18 gauge (1,02 mm)		80	Kg		
21	1 mm GI Wire	Low carbon steel, hot dip galvanised tie wire 18 gauge (1,02 mm)		80	Kg		
22	Cement	Ordinary Portland Cement (OPC), Type 1/52.5 N,Size 50 KG Bag		40	Bag		
23	Sand	Maximum size of grains 2 mm, Well graded-Should have grains of large size (1-2 mm), medium size (0.5-1 mm) and small size (less than 0.5 mm) almost in equal proportions (33%), Free from clay/mud, Free from organic or inorganic impurities like grass, leaves, metal, glass, mica etc.		240	CFT		
24	Steel threated rods	6 feet long and 12mm dia full threated mild steel bar (Bolt size: 8 inches long, 12 mm diameter – 32 Nos., Bolt size: 9 inches long, 12 mm diameter - 8 Nos., Bolt size: 12 inches long, 12 mm diameter - 6 Nos.		920	Piece		
25	Nuts and Washers	Nuts: Mild steel, compatible with 12 mm threaded rods, with an internal diameter of 12 mm (±0.5 mm tolerance), an outer diameter of 18–19 mm, and a minimum wall thickness of 4 mm., Washers: Mild steel, with an internal diameter of 14 mm, an outer diameter of 20 mm, and a minimum thickness of 2 mm. Required quantities: Nuts: 92 Nos. (one nut per bolt), Washers: 40 Nos. (two washers per bolt)		20	Package		
26	Polythene Roll	Polythene Roll Thin Plain Polythene, 26lbs per roll		40	Kg		
27	Lock and Chain	Small durable padlock with 2 keys, thick cast iron chain (min. 3 feet long)		20	Set		
Grand Total (Inclusive of VAT, Tax, Transportation, and all other applicable costs)							
In Words Taka:							

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Annexure-2

Detailed Specification and Price Schedule

Supply of Materials for Shelter Upgradation and WASH Activities in Rohingya Camps

Schedule – B

Materials Category: Wash Materials

Sl. No.	Name of Goods/Service	Description/Specification	Brand Name (If applicable)	Quantity	UoM	Unit Price (Tk.)	Total Price (Tk.)
1	CGI Sheet/ Tin/ Corrugated Sheet	30 SBW GI sheet. 7'-0" Long 2'-6" Wide for roofing and Fencing.		820	Nos		
2	PVC Corrugated Sheet	Translucent Sheet: Size: Length 7 Feet, Width 32", Thickness 1mm.		106	Nos		
3	CGI Sheet/ Plain Sheet	Plain Sheet height 3 Feet, length 120 RFT, thickness 0.46mm, Color Blue, Best Quality.		2,760	Rft		
4	Pre-Cast Piller (4"X4")	10ft 6-inch height pre-cast pile (4" x 4" size) with reinforced cement concrete works with minimum cement content relates to mix ratio 1:1.5:3 having minimum f'cr = 30 Mpa and satisfying specified compressive strength lc = 25 Mpa at 28 days on standard cylinders as per standard practice of Code ACI/BNBC/ASTM. Placing of reinforc-ement cage in position, casting, compacting by vibrators and tapered rods, curing for 28 days etc. including cost of reinforcement, water, electricity, and other charges as per design and drawing, etc. Used 4 nos of 10mm dia MS bar as main bar & 8mm dia MS bar as ring @6" C/C all complete as per design, drawing and accepted by the Engineer.		309	Nos		
5	Pre-Cast Short Slab	16" X 16" (3" thickness) made of (1:2:4) mixing ratio, 6 mm dia MS rod 5-inch C/C Both way		60	Nos		
6	Supply of 48"-inch dia RCC Ring	48" dia, 2.25" thickness and 6 mm MS Rod/bar used @ 150 mm (6") C/C both direction and Casting Ratio 1:1.5:3 RCC Ring height 1'-0" as per the drawing and instruction of Engineer-in -charge.		150	Nos		
7	Supply of 48" pre-cast ring cover/Slab	48" Dia, Thickness-3" made of (1:1.5:3) mixing ratio, 8 mm dia ms rod 6-inch C/C both ways as per the drawing and instruction of Engineer-in-charge.		81	Nos		
8	Supply of 48" pre-cast Sato Pan Slab	48" Dia, Thickness-3" made of (1:1.5:3) mixing ratio,8 mm dia ms rod 6-inch C/C both ways as per the drawing and instruction of Engineer-in-charge.		70	Nos		
9	3" UPVC Pipe	3" UPVC Pipe thickness 2.70mm-3.00mm		175	Rft		
10	3" UPVC Elbow	3" UPVC Elbow thickness 2.70mm-3.00mm		75	Nos		
11	4" UPVC Pipe	4" UPVC Pipe thickness 2.70mm-3.00mm		800	Rft		
12	4" UPVC Elbow	4" UPVC Elbow thickness 2.70mm-3.00mm		220	Nos		

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13	4" UPVC T	4" UPVC T thickness 2.70mm-3.00mm		80	Nos		
14	4" Nail	4" iron Nail		97	Kg		
15	3" Nail	3" iron Nail		91	Kg		
16	2.5" Nail	2.5" iron Nail		81	Kg		
17	2" Nail	2" iron Nail		75	Kg		
18	1" Nail	1" iron Nail		85	Kg		
19	1" Nail Washer	1" Nail Washer		40	Kg		
20	2.5" S.S Screw with Washer for Top	2.5" S.S Screw with Washer for Top. (Top nails/ roofing nails)		110	Kg		
21	Hinges 4"	Hinges 4" Long Good Quality		585	Nos		
22	S.S Citkani	S.S Citkani for Inside Lockup 6" long Good Quality		155	Nos		
23	Lock Chain with hook	Lock Chain with Hook (6" long for door lock inside & outside)		175	Nos		
24	Plastic Soap case	Plastic Soap case White Color with Screw.		175	Nos		
25	Wooden Rafter	(Akash Moni) Full Dry: Size: 1.5" X 2" Height 6'-0" Long		120	Cft		
26	Wooden Batten	(Akash Moni) Dry, Size: 2" X 2" Height 6'-0" Long		205	Cft		
27	Wooden Batten	(Akash Moni) Dry, Size: 3" X 1.5" Height 6'-0" Long		50	Cft		
28	1st Class Brick	Local 1st class Bricks, Standard Size: 9.5" X 4.5" X 2.75"		23,800	Nos		
29	Brick Chips (Khoa)	3/4" Downgrade & Well Graded Brick Chips (Picket or 1st Class Brick Chips).		850	Cft		
30	Sand	Medium Sand for Masoning Minimum FM 2.0-2.5 FM.		1,700	Cft		
31	Cement	Portland Composite Cement (PCC), Conforming to ASTM C150 Type, Grade-42.5Mpa, Smoothness Should be free from grains or lumps, Packaging: Every Packet Should be good Condition intact and dry, 50 Kg Per Bag.		345	Bag		
32	Planjer Assembly for DTWS	Complete plunger mechanism suitable for deep tubewell cylinder operation, including plunger valve/bucket assembly, brass/SS housing, and precision threads.		20	Nos		
33	S.S Piston Rod (1'-6") long for DTW	Stainless Steel Piston Rod: Grade 304/316 Stainless Steel, 1 ft 6 in (18 inches) length, threaded both ends, corrosion-resistant, high tensile strength for tubewell pumping rod connections.		10	Nos		
34	S.S Piston Rod (10'-0") long for DTW	Stainless Steel Piston Rod: Grade 304/316 Stainless Steel, 10 ft length, precision threaded ends with couplings, non-corrosive, heavy-duty for deep tubewell piston assembly.		15	Nos		
35	2" PVC Column Pipe (10'-0" Long)	uPVC Column Pipe: Nominal Diameter 2 inches, 10 ft length, Class 4/Threaded/Socketed for deep tubewell column application, high pressure rated (PN 10/12.5), food-grade quality.		20	Nos		
36	2" PVC Cylinder Pipe (10'-0" Long)	uPVC Cylinder Pipe: Nominal Diameter 2 inches, 10 ft length, smooth inner finish for piston		7	Nos		

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		plunger operation, heavy-wall thickness, impact, and chemical resistant.					
37	DTW Cone Socket	Deep Tubewell Cone Reducer / Socket: Heavy-duty PVC/GI conical transition socket for tubewell pipe connections, leak-proof threaded/ socket joint setup.		5	Nos		
38	DTW Base 3" X 1.5"	Tubewell Base Reducer / Flange: Size 3 inches x 1.5 inches, heavy-duty metal/uPVC base joint adapter for tubewell platform/head attachment.		5	Nos		
39	BPL (Barrel Planjer for TWS)	Barrel Plunger Assembly: Specialized barrel plunger mechanism for Tubewell Systems (TWS), high-wear-resistant synthetic/brass components for deep-well suction.		10	Nos		
40	2" Cylinder Planjer	2-Inch Cylinder Plunger Unit: Fitted for 2" internal diameter PVC/metal tubewell cylinders, complete with check valve, leather/rubber cup packings, and brass core.		5	Nos		
41	Glue -500 ml Japani	Solvent Cement / PVC Glue: Premium grade (Japanese type/standard), quick-curing high-strength PVC pipe joint adhesive, 500 ml tin/container.		6	Nos		
42	Capseal for DTWs	Cap Seal for Deep Tubewells: Protective seal/cap assembly designed for deep tubewell sanitary sealing and shaft stability.		15	Nos		
43	1.25" GI Check Valve	Galvanized Iron (GI) Check Valve: Nominal size 1.25 inches (1-1/4"), non-return vertical/ horizontal swing or spring type, heavy-duty female BSP threaded, pressure rated to 16 Bar.		10	Nos		
44	Check Leather	Check Valve Leather Washer / Cup Seal: High-density chrome-tanned leather bucket washer, oil-resistant, shaped for water tightness in tubewell foot/check valves.		35	Nos		
45	4 Suta Nut + Bolt (5" long)	Hexagonal Bolt & Nut: 4 Suta (1/2 inch / 12mm diameter), 5 inches long, galvanized/mild steel, fully/partially threaded with matching hex nut and flat washer.		100	Pcs		
46	Thread Tape	PTFE Teflon Thread Seal Tape: Standard density, non-toxic, width 1/2" to 3/4", suitable for sealing threaded GI/PVC pipe joints against water leakage.		400	Nos		
47	3" PVC Net for Wastewater	3" uPVC Strainer / Filter Net Mesh: Nominal Diameter 3 inches, slotted/perforated PVC screen for wastewater discharge and debris filtration.		100	Nos		
48	3" GI Nipple 3mm thickness 6" Long	Galvanized Iron (GI) Pipe Nipple: 3 inches Nominal Bore, wall thickness 3.0 mm (Heavy Class), length 6 inches, threaded both ends (BSPT/NPT).		20	Nos		
49	3" GI Nipple 3mm thickness 1' - 0" Long	Galvanized Iron (GI) Pipe Nipple: 3 inches Nominal Bore, wall thickness 3.0 mm (Heavy Class), length 1 ft (12 inches), threaded both ends.		100	Nos		
Grand Total (Inclusive of VAT, Tax, Transportation, and all other applicable costs)							
In Words Taka:							

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