






































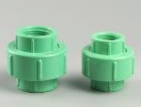
**REQUEST FOR QUOTATION: RFQ/HCR/CXB/2024/011**  
**ANNEX A - TECHNICAL REQUIREMENTS (LOT 2 - ELECTRICAL ITEMS)**  
**FOR**

**ESTABLISHMENT OF FRAME AGREEMENT FOR THE SUPPLY AND DELIVERY OF ELECTRONIC APPLIANCES AND ELECTRICAL ITEMS FOR UNHCR BANGLADESH**














Sl No.	Items Name	Item Description		Minimum Warranty Period	Estimated Yearly Required Quantity for Cox's Bazar	Estimated Yearly Required Quantity for Dhaka	Unit of Measure (UOM)	Indicative Photo	Sample Requirements: Yes/No
1	Cable	no: 363 Single core NYY CABLE SINGLE CORE CABLE, 600/1000V - PVC Insulated & PVC Sheathed Single Core Cabl	Equivalent to BRB brand	N/A	400	100	Meter		No
2	Cable	no:23/76 Usable to AC/DC & Solar Line Systems FT CABLE. Voltage (Load) Capacity: 5 Volt to 750 Volt( AC/DC & Solar Line). Ampere (Load) Capacity: 3 Amp to 18 Amp. PVC Insulation, Copper Conductor.	Equivalent to BRB brand	N/A	200	50	Meter		No
3	Energy Saving Bulb	26 watt ECO LED Bulb Bright White Lamp Light 2 Years Warranty	Equivalent to OSAKA (LED) brand	2 years	150	10	EA		No
4	Energy Saving Bulb	32 watt ECO LED Bulb Bright White Lamp Light 2 Years Warranty	Equivalent to OSAKA (LED) brand	2 years	120	10	EA		No
5	Energy Saving Bulb	15 Watt ECO LED Bulb Bright White Lamp Light 2 Years Warranty	Equivalent to OSAKA (LED) brand	2 years	100	10	EA		No
6	Combine Socket	6 pin Anti Corrosive & Anti Rust Metal Silver Tip Contact-ensure proper conductivity 100% Pure Copper Connecting Plate SS Spring ensures ultimate contact strength High-Quality PC & PA Plastic: Fire retardant Highly Resistant to Moisture, Heat & Fire Flames & Glowing at the specimen extinguish within 30s Switching compatibility more than 40,000 cycles Applicable for AC & DC Easy to Install	Equivalent to ENERGYPACK brand	2 years	400	60	EA		Yes
7	Extension cord (Multi plug)	4 pin Durable / Long Life High-Quality ABS Plastic Fire Retardant High-Quality ABS Plastic Body High Moisture Resistance Pure Copper Made Metal Parts (High Resistant to Corrosion) 2.25 Meter Flexible Cable.	Equivalent to ENERGYPACK brand	N/A	100	30	EA		yes
8	Cable Concealer	PVC Cable Cover, 6X L15.8in W1.6in H0.8in, CMR02 (9Sin, white)	Equivalent to RFL brand	N/A	100	15	EA		Yes
9	Cable Concealer	on wall, 1 inch self-adhesive plastic cable cover in white in different sizes. All cable covers regardless of size have a length of 1 metres.	Equivalent to RFL brand	N/A	100	15	EA		No
10	Cable Concealer	on wall, 1.5 inch self-adhesive plastic cable cover in white in different sizes. All cable covers regardless of size have a length of 1 metres.	Equivalent to RFL brand	N/A	100	15	EA		No
11	Cable Concealer	on wall, 2 inch self-adhesive plastic cable cover in white in different sizes. All cable covers regardless of size have a length of 1 metres.	Equivalent to RFL brand	N/A	50	10	EA		No
12	Screw	1/2 inch	Local brand	N/A	10	0	Pack		Yes
13	Screw	1 inch	Local brand	N/A	10	0	Pack		No







14	Screw	2 Inch	Local brand	N/A	10	0	Pack		No
15	Royal Plug	Size: 10 No.	Local brand	N/A	100	0	Pack		Yes
16	Power Soket Board	Size: 10 No. As per picture	Local brand	N/A	150	25	EA		Yes
17	Cable Tie	Size: 2 inch	Local brand	N/A	12	3	Pack		No
18	Cable Tie	Size: 4 inch	Local brand	N/A	12	3	Pack		No
19	Cable Tie	Size: 6 inch as per pic	Local brand	N/A	10	3	Pack		No
20	Cable Tie	Size: 8 inch as per picture	Local brand	N/A	10	3	Pack		No
21	Cable Tie	Size: 10 inch as per pic	Local brand	N/A	10	3	Pack		No
22	Cable Tie	Size: 12 Inch as per pic	Local brand	N/A	10	5	Pack		No
23	LED Tube Light with fitting	40 watt nput Voltage: AC 85-265V Hz: 50/60 Hz PF: 0.98 CCT:6500K Light Colour: White 85% Energy Saving Environment Friendly	Equivalent to OSAKA (LED) brand	2 years	200	10	EA		No
24	LED Tube Light with fitting	20 watt Energy Saving Environment Friendly Body Materials: Aluminum / PC Made In China Warranty: 2 Years	Equivalent to OSAKA (LED) brand	2 years	20	5	EA		No
25	LED Bulb	18 Watt (Pin) Energy Saving Environment Friendly Body Materials: Aluminum / PC Made In China Warranty: 2 Years	Equivalent to OSAKA (LED) brand	2 years	150	0	EA		No
26	LED Bulb	32 Watt (Pin) Energy Saving Environment Friendly Body Materials: Aluminum / PC Made In China Warranty: 2 Years	Equivalent to OSAKA (LED) brand	2 years	150	10	EA		No
27	LED Bulb	15 Watt (Pin) Energy Saving Environment Friendly Body Materials: Aluminum / PC Made In China Warranty: 2 Years	Equivalent to OSAKA (LED) brand	2 years	150	0	EA		Yes
28	LED panel light	24 watt, rectangular box type light	Equivalent to Great brand	2 years	100	50	EA		No
29	LED panel ligh	18 watt	Equivalent to Great brand	2 years	120	100	EA		No
30	Combine Switch Box	1 Gang Box as per Pic	Local brand	N/A	100	25	EA		Yes
31	Plug	3 Pin, round shape AC 125V 15A 3 Wire US Japan Type, Grounding plug.	Local brand	N/A	500	24	EA		Yes

32	Electric Wire	329 Single Core 100% copper PVC Insulated Non-Sheathed Single core BYA FR Color: Red/Black 1-coil 1x1.0m BYA FR Cable	Equivalent to BRB brand	N/A	4	1	Coil		No
33	Electric Wire	306 100% copper PVC Insulated Non-Sheathed Single core	Equivalent to BRB brand	N/A	4	1	Coil		No
34	Electric Wire	77029 100% copper PVC Insulated Non-Sheathed Single core	Equivalent to BRB brand	N/A	4	1	Coil		No
35	Circuit Breaker	Color: Grey. Rated Current: 63A, single Breaking Capacity: 10 KA Pole/Phase: 2-Pole/ DP (Double Phase.) Type: MCB (Miniature Circuit Breaker.) Frequency: 50Hz.	Equivalent to Havells brand	1 year	80	10	EA		Yes
36	Circuit Breaker	40 A Single Current Rating (In): 06A to 63A Breaking capacity (Ics): 3kA / 6kA/10kA Characteristic: C Rated operating voltage (Ue): 230V ac Rated insulation voltage (Ui): 500V Rated insulation withstand voltage (Uimp): 4kV Frequency: 50/60 Hz	Equivalent to Havells brand	1 year	80	10	EA		No
37	Circuit Breaker	32 Amp (Single) Current Rating (In): 06A to 63A Breaking capacity (Ics): 3kA / 6kA/10kA Characteristic: C Rated operating voltage (Ue): 230V ac Rated insulation voltage (Ui): 500V Rated insulation withstand voltage (Uimp): 4kV Frequency: 50/60 Hz	Equivalent to Havells brand	1 year	200	10	EA		No
38	Adhesive Tape	Color: Red	Equivalent to Tisa brand	N/A	150	24	EA		No
39	Adhesive Tape	Color: Black	Equivalent to Tisa brand	N/A	150	24	EA		No
40	Wall Drill Bit	size: 4"	Local brand	N/A	20	5	EA		No
41	Wall Drill Bit	size: 15"	Local brand	N/A	20	5	EA		No
42	Wall Drill Bit	size: 6"	Local brand	N/A	20	5	EA		No
43	Air Exhaust Fan	Size: 10", Type: Square Type Colour: White Voltage : 220V Power: 45 Watt Pure Copper Wire Low Power Consumption Frequency: 50Hz 40W MEAS: 40x14x40 (cm) Pure Copper Wire	Equivalent National delux brand	01 Year	100	10	EA		No
44	Air Exhaust Fan	Size: 12", Type: Square Type Colour: White Voltage : 220V Power: 45 Watt Pure Copper Wire Low Power Consumption Frequency: 50Hz 40W Pure Copper Wire	Equivalent National delux brand	01 Year	150	10	EA		No
45	AC Socket (03 pin Round, 32A)	Anti Corrosive & Anti Rust Metal Silver Tip Contact-ensure proper conductivity 100% Pure Copper Connecting Plate SS Spring ensures ultimate contact strength High-Quality PC & PA Plastic: Fire retardant Highly Resistant to Moisture, Heat & Fire Flames & Glowing at the specimen extinguish within 30s Switching compatibility more than 40,000 cycles Applicable for AC & DC	Equivalent to ENERGPACK brand	01 Year	500	30	EA		Yes
46	LED Tube Light T8	Consistent CCT Output Good CRI Level No flickering, UV/IR & Mercury free Surge Voltage Protection ≥ 2.5 KV, Lumen Maintenance after 2000 Hours > 90% Tested 2000 Hours	Equivalent to LED brand	02 Years	220	25	EA		Yes

47	CPVC Pro-Pipe 1"(25mm)	CPVC Pro Pipe 1"(25mm) Item code: 70307 Standard: ASTM D-2846 Diameter (mm): 1"(25mm) Thickness (mm): 2.10 - 2.60 Length (Mtr): 3 SDR Or Schedule: 13.5	Equivalent to RFL brand	N/A	100	10	Feet		No
48	CPVC Pro-Pipe 3/4"(20mm)	CPVC Pro Pipe 3/4"(20mm) Item code: 70312 Standard: ASTM D-2846 Diameter (mm): 3/4"(20mm) Thickness (mm): 2.00 - 2.50 Length (Mtr): 3 SDR Or Schedule: 11	Equivalent to RFL brand	N/A	200	10	Feet		No
49	CPVC Fittings Brass elbow 3/4"	Size: Small Material: Brass, Metal Brand: SUPREME Colour: Gold, Sandal, Connector Type: Elbow Thread Size: 0.75, Exterior Finish: Brass Item Weight: 499 Grams.	Equivalent to RFL brand	N/A	50	5	EA		Yes
50	CPVC Fittings elbow 3/4"	Size/ Diameter 3/4 inch, Connection Type Male, Usage/ Application, Plumbing, Elbow Bend Angle: 90 Degree, Material CPVC, Application Structure Pipe.	Equivalent to RFL brand	N/A	150	5	EA		No
51	CPVC Fittings elbow 1"	Size/ Diameter 01 inch, Connection Type Male, Usage/ Application, Plumbing, Elbow Bend Angle: 90 Degree, Material CPVC, Application Structure Pipe.	Equivalent to RFL brand	N/A	100	5	EA		No
52	CPVC Fittings Coupler/Socket 1"	Size: Small Connector Type: Coupling Thread Size: 1 inch Item Weight: 499 Grams	Equivalent to RFL brand	N/A	100	5	EA		Yes
53	CPVC Fittings Coupler/Socket 3/4"	Colour: Yellow Connector Type: Coupling Thread Size: 0.75 Item Weight: 625 Grams	Equivalent to RFL brand	N/A	100	5	EA		No
54	3/4 inch CPVC Plastic Tee (Yellow)	Material: CPVC, Colour: Yellow, Connector Type: Tee Thread Size: 0.75 inch, Item Weight: 625 Grams	Equivalent to RFL brand	N/A	100	5	EA		Yes
55	01 inch CPVC Plastic Tee (Yellow)	Material: CPVC, Colour: Yellow, Connector Type: Tee, Item Weight: 600 Grams	Equivalent to RFL brand	N/A	100	5	EA		No
56	uPVC Thread Union 1"	uPVC Thread Union 1" Green Item code: 707619 Thread Pipe & Fittings Size: 1" Color: Green (As given picture).	Equivalent to RFL brand	N/A	100	10	EA		Yes
57	uPVC Thread Union 3/4"	uPVC Thread Union 3/4" Green Item code: 707621 Brand: RFL Thread Pipe & Fittings Size: 3/4" Color: Green (As given picture).	Equivalent to RFL brand	N/A	100	10	EA		No
58	Flash Ball Cock	Adjustable Fill Valve 7 Inch to 10 Inch/Ball Cock/Toilet Water Tank Fittings	Equivalent to RFL brand	N/A	80	24	EA		Yes

59	Basin Angle Valve	BASIN ANGLE STOP COCK - 10 years gurantee	Equivalent to Sattar brand	N/A	180	24	EA		Yes
60	Basin Big Cock	Head Series Name: Coaster+A Head Type: Wheel Material: 100% Brass SetUp : Wall Mounted Use: Basin/Sink Guarantee: 10 years	Equivalent to Sattar brand	N/A	50	6	EA		Yes
61	Conceal Water Tape SS: Guarantee: 10 Years, Material : 100% Brass	Star Head Type: Wheel Material: 100% Brass Setup : Wall Mounted Use: Basin	Equivalent to Sattar brand	01 Year	50	20	EA		Yes
62	Water Rubber pipe: 1"	Size: 1" Length: 300 feet Thickness: 1.40 - 1.60 mm Inner Diameter: 25.80-26.20 mm Color: Orange	Equivalent to RFL brand	N/A	400	50	EA		Yes
63	Water Rubber pipe: size: 3/4" (Feet)	Size: 3/4" Length: 300 feet Thickness: 1.40 - 1.60 mm Inner Diameter: 19.0-19.40 mm Color: Blue (As given picture	Equivalent to RFL brand	N/A	500	100	EA		Yes
64	Pipe Connecting hose CLAMP: size: 1"	Pipe Connecting hose CLAMP: size: 1"	Equivalent to Sattar brand	N/A	300	10	EA		Yes
65	Pipe Connecting hose CLAMP: size: 3/4"	Pipe Connecting hose CLAMP: size: 3/4"	Equivalent to Sattar brand	N/A	300	10	EA		Yes
66	Pipe Connecting hose CLAMP: size: 2.5"	Pipe Connecting hose CLAMP: size: 2.5"	Equivalent to Sattar brand	N/A	150	5	EA		Yes
67	Pipe Connecting hose CLAMP: size: 05"	Pipe Connecting hose CLAMP: size: 05"	Equivalent to Sattar brand	N/A	150	5	EA		Yes
68	PVC Gum: capacity: 500 gm, (Fast Setting Waterproof Bonding for bonding PVC and UPVC pipes and fittings. )	capacity: 500 gm, (Fast Setting Waterproof Bonding for bonding PVC and UPVC pipes and fittings. )	Equivalent to RFL brand fittings.	N/A	20	5	EA		No
69	Pipe Nipple: SS quality, 1"	Pipe Nipple: SS quality, 1"	Equivalent to RAK brand	N/A	30	5	EA		Yes
70	Pipe Nipple: SS quality, 3/4"	Pipe Nipple: SS quality, 3/4"	Equivalent to RAK brand	N/A	50	10	EA		Yes
71	Gate Valve: SS quality, Size: 3/4"	Gate Valve: SS quality, Size: 3/4"	Equivalent to SANWA brand	N/A	25	5	EA		No
72	Gate Valve: SS quality, Size: 1"	Gate Valve: SS quality, Size: 1"	Equivalent to SANWA brand	N/A	20	5	EA		No
73	Gate Valve: SS quality, Size: 1.5"	Gate Valve: SS quality, Size: 1.5"	Equivalent to SANWA brand	N/A	20	5	EA		No
74	CPVC Gate/Ball bulb 1"	Controls the flow of fluids in a plumbing system. Enables precise adjustment of flow rates. Provides on/off functionality for the flow of liquids. Suitable for use in both residential and commercial plumbing systems.Can handle hot and cold water applications.	Equivalent to RFL brand	N/A	50	5	EA		Yes
75	CPVC Gate/Ball bulb 3/4"	Controls the flow of fluids in a plumbing system. Enables precise adjustment of flow rates. Provides on/off functionality for the flow of liquids. Suitable for use in both residential and commercial plumbing systems.Can handle hot and cold water applications.	Equivalent to RFL brand	N/A	50	5	EA		No

76	White Cement	1000 gm, (pearl white,General High Grade,brightness more)	Local brand	N/A	100	10	EA		Yes
77	Seal Tape	Sanitary, (P.T.F.E. Thread Seal Tape Comes in a resealable plastic container The tape is 1/2 wide by 260 long Ensures a secure and tight seal Great for all types )	Local brand	N/A	150	24	EA		No
78	Liquid (Soap) dispenser	Auto system, (Excellent performance Easy to install and refill It uses sensor It has on/off control button. Extra large content 700 ml.04 purchase AA size alkaline batteries. Infrared detection, Motion ACTIVATED)	Any Japanese brand	2 years	60	15	EA		Yes
79	Adapter	06 volt, (Excellent performance Easy to install and refill It uses sensor It has on/off control button)	Any Japanese brand	2 years	60	15	EA		Yes
80	Liquid (Sanitizer) dispenser	Best quality needed. Auto system, (Excellent performance Easy to install and refill It uses sensor It has on/off control button. Extra large content 700 ml.04 purchase AA size alkaline batteries. Infrared detection, Motion ACTIVATED)	Any Japanese brand	2 years	60	15	EA		Yes
81	Adapter	05 volt, (Excellent performance Easy to install and refill It uses sensor It has on/off control button) along with one year warranty.	Any Japanese brand	2 years	60	15	EA		Yes
82	Auto water tap	Sensor based, Automatic Sink Mixers sensor Tap Hands Free infrared water bathroom basin faucet. Durable and practical. Best Material.4 AA batterier (not included) can use lasts for 2 years for daily use. Classic Modern design, durable copper made, chrome finish. Comes with water hose and necessary installation parts.	Equivalent to Sattar brand	3 years	35	10	EA		Yes
83	Combination Lock	Number Lock, High Quality.Combination lock is a type of locking device in which a sequence of symbols, usually numbers, is used to open the lock. The sequence may be entered using a single rotating dial which interacts with several discs or cams, by using a set of several rotating discs with inscribed symbols which directly interact with the locking mechanism, or through an electronic or mechanical keypad. Size - Medium.	Equivalent to MOBAJ Premium brand	N/A	300	24	EA		Yes
84	Pad lock	High Quality. It is very firm and durable. Fashion, lightweight, and convenient design. Lock without fear of having locks cut open. 3-digit dialing allows for a different combination. Size: 60 MM. Material: Steel. Heavy-duty padlocks for steel gates and doors.	Equivalent to MOBAJ Premium brand	N/A	300	24	EA		No
85	Center Lock	Best quality. Multi Drawer lock. Front locking system with adjustable locking pins. Key removable in locked and unlocked positions.It can lock as many as three drawers in the 480 mm and four drawers in the 580 mm model. Can be used for Side / Bottom mounting, Full Panel & Telescopic Drawer Slides.	Equivalent to R&R brand	N/A	100	10	EA		Yes
86	Lock (Single)	Best quality. Made of SS. For Single Drawer. Front locking system with adjustable locking pins. Key removable in locked and unlocked positions.	Equivalent to Mikado brand	N/A	100	50	EA		Yes
87	Hand Push Shower (Metal)	High Quality. Material: Plastic & SS. Pipe Size: 4ft. Design Style: Modern. Application Area: Bathroom.Model: SMI-777R.	Equivalent to Sattar brand	Guarantee: 25 months	300	24	EA		Yes
88	Key Ring (Plastic box with tag paper)	Best quality. With SS ring & chain. Attractive colour with standard looking plastic box with inside paper tag.	Local brand	N/A	500	60	EA		No

89	Energy Saving Bulb	9 Watt	Equivalent to OSAKA (LED) brand	2 years	0	50	EA		No
90	LED spot light	3 Watt	Equivalent to LED brand	2 years	0	50	EA		No
91	LED panel light	12 watt	Equivalent to Great brand	2 years	0	50	EA		No
92	LED flood light - IP67	100 watt	Equivalent to Great brand	2 years	0	10	EA		No
93	LED hanging light	20 watt	Equivalent to Great brand	2 years	0	50	EA		No
94	Emergency Heavy duty LED light with Adjustable Head	Power: 220V Size: 31x11x33.5cm Color: Yellow 4 watt light output No. of lights: 2	Equivalent to Great brand	2 years	0	10	EA		No