

IB 2023 –24 PROCUREMENT OF VARIUS CONSTRUCTION SUPPLIES AND MATERIALS FOR THE REPAIR OF VARIOUS UNIVERSITY BUILDINGS



SECTION VII- TECHNICAL SPECIFICATIONS



TECHNICAL SPECIFICATIONS

IB No.: 2023 –24 PROCUREMENT OF VARIUS CONSTRUCTION SUPPLIES AND MATERIALS FOR THE REPAIR OF VARIOUS UNIVERSITY BUILDINGS

Item	Specifications	Statement of Compliance
		<i>[Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder’s statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i>
Lot A. Construction Materials for the propose Canopy fronting the OUR		
1	Angle bar (steel) 3/16" x 2" x 2" x 6.0m	
2	Portland Cement	
3	Crushed sand	
4	Crushed gravel, 3/4"	
5	CWN, 2 ½"	
6	CWN, 1 ½"	
7	Dyna expansion bolt, 3/8" x 3"	
8	Flat bar, 1/8 x 1" x 6.0m	
9	G.I. pipe schedule 40, 4" X 6.0m	
10	Lumber imported pine 2" x 3" x 10"	
11	Machine bolt & nuts, 16mm x 300mm	
12	Metal cutting disc 14"	
13	Paint brush, 2"	
14	Paint roller, plastic handle with pan, 4"	
15	Phenolic board, 1/2" x 4' x 8'	
16	Polycarbonate roofing, UV protected semi-opaque, 1.22m x 2.44 x 4.5mm thick	

17	Rectangular tube steel, 0.4mm x 2" x 4" x 6.0m	
18	Red oxide metal primer	
19	RSB, 10mm x 6.0m	
20	RSB, 16mm x 6.0m	
21	Square tube steel, 0.4mm x 2" x 2" x 6.0m	
22	Tek screw nail 2"	
23	Thick steel base plate,.30m x .30m x 6mm	
24	Welding rod, E-6013, 3.2mm	
Lot B. Construction Materials for the proposed Landscaping Unit Building		
	B1. Roofing Works	
25	CWN, 4"	
26	CWN, 3"	
27	Langueta	
28	Lumber imported pine, 2" x 6" x 12'	
29	Lumber imported pine, 2" x 3" x 12'	
30	Lumber imported pine, 2" x 4" x 12'	
31	Lumber imported pine, 1" x 10" x 12'	
32	Pre-painted green ridge roll, .6mm x 18" x 8'	
33	Pre-painted green valley gutter, .6mm x 18" x 8"	
	B2. Carpentry Works	
34	CWN 4"	
35	CWN 3"	
36	CWN 2 ½"	
37	CWN 1"	
38	G.I flat sheet pre-painted green, .6mm x 4' x 8'	
39	lumber imported pine, 2" x 3" x 10'	
40	Lumber imported pine, 2" x 3" x 12'	
41	lumber imported pine, 2" x 2" x 10'	
42	Marine plywood, 1/4" x 4' x 8'	
	B3. Concrete Works	
43	G.I. pipe 3" diam. X 6.0m sched. 40	
44	G.I tie wire, #16	
45	RSB, 10mm diam. X 6.0m	

46	RSB, 12mm diam. X 6.0m	
	B4. Masonry Works	
47	Portland Cement	
48	Ceramic sink, oval type, standard, white, with complete fittings	
49	CHB 4"	
50	Crushed sand	
51	Crushed gravel 3/4"	
52	Floor tiles , 16" x 16", dirty white	
53	Water closet w/ complete accessories (flexible hose 1/2"x1/2"x16", angle valve 1/2"x1/2" stainless OD, rubber flapper, nipple 1/2"x4", tank fittings)	
54	Door hinges brass plated, 4" x 4"	
55	RSB, 10mm diam. X 6.0m	
56	RSB, 12mm diam. X 6.0m	
57	Tile grout, 2kg/bag	
58	Twist lock door knob, brass plated	
59	Wall tiles (bone ivory), 12" x 24"	
Lot C. Construction materials for the general repair of male CR (University Gym)		
60	Aluminum framed 12-pc awning windows w/ 1/4" thick clear glass, 18" x 18" (fabricated)	
61	Portland cement	
62	Crushed sand	
63	Crushed gravel 3/4"	
64	Floor tiles, 16" x 16", White	
65	Water closet (White, 2pcs), with complete fittings	
66	Ceramic sink, Oval shaped , with complete fittings	
67	Metal screw Philip flat head type, stainless, 1 ½" long	
68	Sink faucet Stainless single handle	
69	Flat sheet, stainless , .6mm x 4' x 8'	
70	Rectangular tube, stainless .6mm x 1" x 2" x 12'	
71	Angle bar stainless , .6mm x 1" x 1" x 12'	
72	Square tube stainless, .6mm x 1" x 1" x 12' ,	
73	Door hinges stainless , 2" x 3"	
74	Pipe stainless,.6mm x 2" x 6.0m	
75	Welding rod, Stainless, E6013, 3.2mm	
76	Door knob (twist double lock) Stainless	
77	Tile adhesive	

78	Tile grout 2kg/bag	
79	Ceramic urinals, Wall mounted, standard	
80	Wall tiles, 12" x 24" bone ivory	
Lot D. Construction materials for the general repair of CR for College of Engineering		
	D1. Construction	
81	Portland Cement	
82	CHB, 4"	
83	Crushed sand	
84	Crushed gravel 3/4	
85	RSB, 10mm diam. X 6.0m	
86	RSB, 12mm diam. X 6.0m	
87	G.I. Tie wire, #16	
	D2. Plumbing	
88	PVC Pipe S-1000, 100mm (4")	
89	PVC Pipe S-1000, 50mm (2")	
90	PVC elbow (90°) S-1000, 4"	
91	PVC Tee, S-1000 , 4"	
92	PVC Wye, 4" x 4" S-1000	
93	PVC Wye, 4" x 2" S-1000	
94	PVC elbow (90°) 2", S-1000	
95	PVC Tee 2", S-1000	
96	Toilet bowl w/ complete fittings, 1pc, standard	
Lot E. Construction materials for the general repair of CR for Old Admin Building		
97	Portland Cement	
98	Floor tiles, 16" x 16", white	
99	Goose neck stainless faucets	
100	Floor drains, stainless, 4" x 4",	
101	Toilet bowl w/ complete fittings, 1-pc standard	
102	Tile adhesive	
103	Tile grout 2kg/bag	
104	Ceramic urinals flush, Wall mounted, standard	
105	Wall tiles, 12" x 24" bone ivory	
Lot F. Construction materials for the improvement of Plant Boxes and Pathways including Shimumura park		
106	Portland Cement	
107	CHB, 4"	
108	Concrete neutralizer	
109	Crushed sand	
110	Crushed gravel 3/4"	
111	Flat latex (White)	

112	paint brush, 3"	
113	paint brush, 1 ½ "	
114	paint brush, 1"	
115	Paver brick, hexagon, key type	
116	River sand (fine)	
117	RSB, 10mm diam. X 6.0m	
118	Semi-gloss latex (choco brown)	
119	Semi-gloss latex (bone ivory)	
120	G.I. tie wire, #16	
Lot G. Construction for fencing at the flood control		
121	Angle bar, 1/4" x 1 ½" x 1½"	
122	Portland Cement	
123	CHB, 4"	
124	Crushed sand	
125	G.I. pipes, 3" S40	
126	Cyclone wire Gauge 12.5' x 2" x 2" x 6m	
127	River sand	
128	RSB, 10mm diam. X 6.0m	
129	RSB, 16mm diam. X 6.0m	
130	G.I. tie wire, #16	
131	Welding rods, E6013, 3.2mm	
Lot H. Construction Materials for Repair and Maintenance of University Buildings		
	H1. Construction	
132	Marine Plywood 3/4"x4'x8'	
133	Aluminum nylon plastic roller, single 27mm diameter of roller	
134	Aluminum clip 1/4"x12'	
135	Aluminum sliding upper & lower Caha 1"x12'	
136	Blind Rivets 5/32"x1/2"	
137	Blind Rivets 5/32"x 1"	
138	Blind Rivets 1/8"x 1/2"	
139	Blind Rivets 1/8"x 1"	
140	Blind Rivets 1/8"x 3/4"	
141	Blind Rivets 3/16"x 1/2"	
142	Blind Rivets 3/16"x 1"	
143	Blind Rivets 3/16"x 3/4"	
144	Concrete water proofing sealant/ bond, 4L/gal	
145	Carbon brush, for planer 1100, CB 100A	
146	Carbon brush, for planer 1900, CB 51A	
147	Carbon brush, for speed cutter makita CB 204	
148	Carbon brush for makita grinder CB 411A	

149	concrete culverts, 16" diameter	
150	Construction gloves, rubber palm, green	
151	Door knob, twist lock, stainless steel	
152	Fishing line, .5mm tanse	
153	Hacksaw blade, HD, 12"/300mm	
154	Lumber imported pine, 2"x3"x10'	
155	Lumber imported pine, 2"x2"x10'	
156	Lumber imported pine, 1"x2"x10'	
157	Lumber moulding 1"x2"x8',s4s	
158	Masonry putty	
159	Masonry drill bit 9.5mm	
160	Masonry drill bit 8mm	
161	Masonry drill bit 6.5mm	
162	Masonry drill bit 5mm	
163	Masonry drill bit, 4mm	
164	Masonry drill bit 3mm	
165	Metal drill bit 1/8"Ø, HS	
166	Metal drill bit 3/16"Ø, HS	
167	Metal drill bit 5/32"Ø, HS	
168	Metal cutting disc 4"	
169	Paint Thinner	
170	Paint red oxide primer	
171	Paint Flat wall enamel	
172	Power bond	
173	Drawer Puller, 4", antique, w/ screw	
174	Drawer Puller 5", antique, w/ screw	
175	Sanding sealer	
176	Floor Sanding paper # 100	
177	Floor Sanding paper # 80	
178	Floor Sanding paper # 120	
179	Silicon gun	
180	Tile cutting disc 4", diamond wheel, 105Dx1.2Tx20H	
181	Varnish, polyutherine	
182	WD-40, 469 ml	
183	Welding rod E6013, 3.2mm	
184	Welding rod N-6013, 2.5mm	
185	Wood glue(stickwel)	
	H2. Fixtures	
186	Single roller brass for Sliding window SD series	
187	Double roller brass for Sliding window SD series	
188	Sliding window double head lock tile for traditional series	

189	Sliding window single head lock tile for traditional series	
190	Sliding window interlocker double jamb double sill for traditional series	
191	Sliding window interlocker single jamb double sill for traditional series	
192	Sliding window top rail for traditional series	
193	Sliding window bottom rail for traditional series	
	H3. Plumbing Supplies	
194	Bidet spray hand held, gun set and with complete fittings & accessories	
195	Floating switch, electrical	
196	G.I elbow, 1/2" dia.	
197	G.I elbow 1" dia.	
198	GI nipple, 1/2" x 2"	
199	GI nipple, 1/2" x 4"	
200	GI nipple, 1/2" x 6"	
201	GI nipple, 3/4" x 4"	
202	G.I nipple, 1"x2"	
203	GI pipe, 1/2" s-40, 20'	
204	G.I pipe, 3", s 40, 20'	
205	Hose connector 1/2" dia, brass	
206	Lavatory faucet, 1/2", stainless	
207	PVC elbow, 2" x 90o, orange	
208	PVC elbow, 3" x 90o, orange	
209	PVC pipe, 2", s-1000, orange	
210	PVC P-trap, 2", orange	
211	PVC reducer, 3" x 2"	
212	PVC tee, 2" orange	
213	Padlock, laminated steel	
214	Replacement piece 1/2" for connector of hose & G.I, Brass	
215	Replacement piece 3/4" for connector of hose & G.I, Brass	
216	Replacement piece 1/2" for connector of hose to hose, Brass	
217	Replacement piece 3/4" for connector of hose to hose, Brass	
218	Teflon tape, Jumbo	
219	Urinal push valve 1/2" dia.	
220	PPR elbow 1/2" dia.	
221	PPR elbow 3/4" dia.	
222	PPR Tee 1/2" dia.	
223	PPR Tee 3/4" dia.	
224	PPR coupling 1/2" dia.	
225	PPR coupling 3/4" dia.	
226	PPR elbow 1/2" one side threaded	
227	PPR ball valve 1/2" dia.	

228	PPR ball valve 3/4" dia.	
229	PPR union 1/2" dia.	
230	PPR union 3/4" dia.	
	H4. Electrical Supplies	
231	Circuit breaker element 15A	
232	Circuit breaker element 40A	
233	PDX wire, #14/2C	
234	PDX wire, #12/2C	
235	THHN/THWN wire, #2.0mm2 (150mtr per box)	
236	THHN/THWN wire, #3.5mm2 (150mtr per box)	
237	THHN/THWN wire, #8.0mm2 (150mtr per box)	
238	Flat cord, #14/2C (150mtr per box)	
239	Conventional Outlet 2 gang universal surface type	
240	Adaptor 3 prong to flat AC plug	
241	T8 LED lamp, long 18W/DL	
242	15W LED bulb/230V	
243	Flourescent lamp fixture 2x40	
244	Arc pull box, 4" x 5" x 16"	
245	Arc pull box, 4" x 5" x 11"	
246	Concrete staples 1"	
247	Male plug, rubber, with clamp	
248	Mouldflex, 1/2" dia.	
249	PVC amco box 2"x4"	
250	PVC Moulding, 1" x 8'	
251	PVC pipe, 1/2" dia x10'	
252	Rubber plug w/ clamp	
253	Solderless clamp 1/2", Brass dia.	
254	Solderless clamp 3/4", Brass dia.	
255	Solderless clamp 1", Brass dia.	

Name of Bidder over Printed Name

Date