

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



SECTION VII- TECHNICAL SPECIFICATIONS



TECHNICAL SPECIFICATIONS

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

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

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

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

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

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

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

Name of Bidder over Printed Name

Date