

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (e.g. production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent.*" References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Technical Specifications

Item No.	Specification	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>
1	1/2" Ordinary Faucet Plain Bibb	
2	Angle Valve 1/2" x 1/2"	
3	Flexible Hose 1/2" x 1/2" x 12ft	
4	Flexible Hose 1/2" x 1/2" x 18ft	
5	Lavatory Faucet	
6	Goose Neck Faucet Single Cold	
7	Declogger solution (Industrial) 1 liter per bottle	
8	G.I Straight Elbow 1/2" x 90°	
9	Eslon Blue Pipe 1/2"	

hsk

2

10	Eslon Blue Elbow 90° Plain ½"		
11	Eslon Blue Elbow 90° with Threaded ½"		
12	Eslon Blue Male Adaptor ½"		
13	Eslon Blue Female Adaptor ½"		
14	Urinal Push Valve ½" Button Type Manual Delay Automatic Shutoff		
15	Teflon Tape ¾"		
16	PVC Solvent 100cc		
17	Polyethelyne (PE) Coupling ½in ISO		
18	Polyethelyne (PE) Coupling ¾in ISO		
19	Polyethelyne (PE) Elbow Corrector ½" x 90°		
20	Polyethelyne (PE) Elbow Corrector ¾" x 90°		
21	Polyethelyne (PE) Tee ½"		
22	Polyethelyne (PE) Tee ¾"		
23	Polyethelyne (PE) Male Adapter Threaded ½"		
24	Polyethelyne (PE) Female Adapter Threaded ½"		
25	Male Adapter Threaded ¾"		
26	Female Adapter Threaded ¾"		
27	WaterStop Sealant (WET & DRY), 200ml		
28	Turkey Plier (Wrench) 10"		
29	Mechanical Plier 10"		
30	Plastic Pipe Cutter		
31	Lavatory P-Trap		
32	Flat Latex (Gentle touch)		
33	Semi-Gloss Latex (Ceramic White)		
34	Quick Dry Enamel Paint (Color super gloss white)		
35	Quick Dry Enamel Paint (Color chocolate brown)		
36	Quick Dry Enamel Paint (Color Black see sample)		

file

q

37	Epoxy Enamel Paint (Color white see sample)		
38	Traffic Enamel Paint (Color Yellow)		
39	Traffic Enamel Paint (Color Black)		
40	Traffic Enamel Paint (Color White)		
41	Paint Thinner		
42	Lacquer Thinner		
43	Lacquer Primer		
44	Concrete Primer sealer		
45	Acrytex Primer (white)		
46	Acrytex Cast		
47	Acrytex Reducer		
48	Concrete Epoxy A&B		
49	Lacquer Sanding Sealer		
50	Wood Stain Oil (mahugani)		
51	1/4 L Oil Tinting color Red		
52	1/4 L Oil Tinting color hansa Yellow		
53	1/4 L Oil Tinting color Brown		
54	1/4 L Oil Tinting color Black		
55	1/4 L Oil Tinting color Thalo Green		
56	1/4 L Oil Tinting color Thalo Blue		
57	Marine Epoxy		
58	Body Filler with hardener		
59	Flexible cementitious Waterproofing (5kg)		
60	Metal Primer Red Oxide		
61	Rust Converter		
62	Blind Revits		
63	Stainless steel welding rod		

hck

h

64	Welding Rod 6011		
65	Welding Rod 6012		
66	Welding Electrode Handle		
67	Elastometric Sealant		
68	Wood Glue		
69	Waste Rug		
70	Waste Cotton		
71	#7" Paint Roller cotton		
72	#4" Paint Roller, Cotton		
73	#4" Foam Roller		
74	#4" Paint Brush		
75	#2" Paint Brush		
76	#1" Paint Brush		
77	CW Nails #4"		
78	CW Nails #3"		
79	CW Nails #2"		
80	Finishing Nails #2 ½"		
81	Finishing Nails #2"		
82	Drawer Lock		
83	Concrete Nails #3"		
84	Concrete Nails #2"		
85	Clear Wood Preservative Fluids		
86	Tile Grout		
87	Hardi Screw 1/8" x ¾"		
88	Wood Screw 1/8" x 2"		
89	Metal Screw 2½" (Black)		
90	Ficem Board - 4.5mm		

hde

9

91	Ficem Board - 6mm	
92	¾" Marine Plywood	
93	½" Marine Plywood	
94	Metal Studs 2" x 3" x 10ft	
95	Metal Tracks 2" x 3" x 10ft	
96	Lumber S4S 2" x 2" x 10ft	
97	Lumber S4S 2" x 3" x 10ft	
98	Lumber S4S 1" x 2" x 10ft	
99	Cutting Disc 4"	
100	Cut-off Wheel Disc 14"	
101	Diamond Cutter 4"	
102	Cement	
103	Skimcoat	
104	Concealed Hinges - Half	
105	Loose Pin Hinges	
106	Drill Bit 3/16"	
107	Masonry Bit 1 set	
108	Contact Cement	
109	Hand Riveter	
110	Door Knob heavy duty cylinder type	
111	Door Knob heavy duty lever type	
112	Dead Bolt	
113	Hole Saw	
114	Sand Paper #80 A4 sized	
115	Sand Paper #120 A4 sized	
116	Sand Paper #240 A4 sized	
117	Formica white	

118	Drill Bit 1/8"	
119	Cabinet Handle	
120	Roller Guide 13"	
121	Carrying Channel	
122	Double Metal Furring	
123	Masking Tape 2"	
124	Masking Tape #1"	
125	Electrode Holder	
126	Grinding Stone	
127	Welding Gloves	
128	Silicon Sealant Clear	
129	Tekscrew 2"	
130	Paint Tinting Color Latex (Color: Hansa Yellow)	
131	Paint Tinting Color Latex (Color:Burnt Umber)	
132	Paint Tinting Color Latex (Color: Raw Sienna)	
133	Paint Tinting Color Latex (Color: Thalo Blue)	
134	Paint Tinting Color Latex (Color: Thalo Green)	
135	Paint Tinting Color Latex (Color: Lamp Black)	
136	Expansion bolt and shield 5/16" x 1 1/2"	
137	3 1/4" Planer Blade	
138	Jigsaw Blade	
139	Rubber gloves / Cotton gloves (HEAVYDUTY) for construction	
140	Carbon Brush (see sample)	
141	Black Metal Screw 3/4" , 1 1/2"	
142	C-Purlins, 2" x 6" x 2.0mm	
143	C-Purlins, 2" x 3" x 2.0mm	
144	Steel Hollow Square tube 2"x2" x 2mm	

145	Deformed Steel Bar - 10mm		
146	Deformed Steel Bar - 12mm		
147	Tile Adhesive		
148	Paver Blocks		
149	Wash Sand		
150	3/4" Crush Gravel		
151	Glass cutter		
***** Nothing Follows*****			

Kale

pc