

Annex-I

Detailed Technical Specifications

Following is the list of general specifications of commonly repeated items in accordance with PPRA Rule- 10

Description of Material/Items		Specifications under PPRA Rule 10	Employer's / Engineer's right to verify Material Quality / Specification.
1.	Distempering 2 coats with primary coat.	(Plastic Emulsion Paint) ICI or Equivalent.	The Employer / Engineer has right to ask the contractor to provide the evidence that the requisite material has been purchase from original manufacturer or Authorized dealer.
2.	Weather shield Paint.	ICI, Master or Equivalent.	
3.	Flooring comprising of first class granite glazed tiles with 13mm thick white bond cement.	Master, AAA/Superb Quality or Equivalent.	
4.	Tiles 2'x4', 9" x17", 12" x18", 24" x 24", 9" x26" and other sizes not covered elsewhere	Master or Equivalent.	
5.	Cement bags	Mapple leaf or Equivalent.	
6.	Bricks 9" x 4.5" x 3"	First Class Bricks	
7.	Sand	Chenab.	
8.	Bitumen	Sika Company or Equivalent.	
9.	Aluminum natural anodized fixed panel.	Chawla or Equivalent.	
10.	Aluminum natural anodized openable hinged doors.	Chawla or Equivalent.	
11.	Glazed and tempered glass 5mm, 8mm and 12mm	Ghani or Equivalent.	
12.	Door Lock	KHAS Aluminum Door Locks or Equivalent	
13.	Door Closer	KHAS Door Closer 632 – High-Quality & Durable or Equivalent	

14.	Wiring	Copper wires of Pakistan cables, GM cables, Fast Cables or Equivalent.	
15.	Distribution Board	Galvanized steel and protection ratings (e.g., IP40 , IK08) or equivalent	The Employer / Engineer has right to ask the contractor to provide the evidence that the requisite material has been purchase from original manufacturer or Authorized dealer.
16.	Circuit breaker	ABB, Schneider, Siemens, or Equivalent.	
17.	LED Lighting panel 2' × 2'	Pak Light or Equivalent	
18.	Shoe Rack W960mm × D350mm × H900mm	PVC or Wooden or Equivalent	
19.	Aluminum natural anodized fixed panel including sliding door (7ftx7ft) with glazing (6mm).	Chawla or Equivalent.	
20.	Heavy duty raised access floor (Height=150mm) with vinyl tiles (Electric Resistance Type)	Marflex or Equivalent	
21.	PVC panel Standard Size	Marflex Group or Equivalent	
22.	Heat Detector	Honeywell or Equivalent	
23.	Air Conditioner	Gree or Equivalent	
24.	CCTV Camera	2MP FHD Camera with all accessories including Coaxial cables, Power supply 12v 5 Amp DC Pin BNC Lead Hard Disk 500GB & DVR(Hik vision or Equivalent Brand)	