

	PAKISTAN AIRPORTS AUTHORITY BOQ				PAAF-022-ESCW-1.0		
Name of Work:	REPAIR & MAINTENANCE WORKS AT QUARTER NO. E-68 AT PAA RESIDENTIAL COLONY AT JIAP, KARACHI						
Location:	JIAP		Province:		SINDH		
Divisional:	ES CIVIL - II, JIAP		Sub-Division:		CIVIL - II		
Sub-Head:	CIVIL WORKS						
Item No.	Item of Work	Quantity		Rate		Unit	Amount
				Infigure	Inwords		
1	Dismantling R.C.C. including separating reinforcement from concrete in foundation, basement, plinth and ground floor including stacking at site and disposing of unserviceable material within three chains (91.5 m)	41.00	Cft			100Cft	
2	Taking out carefully shutters of doors and windows in ground floor and stacking as directed within three chains (91.5 m).	4.00	No.s			Each	
3	Taking out door and window frames with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of unservice-able material as directed within three chains (91.5 m)	3.00	No.s			Each	
4	Constructing at site R.C.C tanks with 4" (100 mm) thick bottom, 4 inches (100 mm) thick walls and 3 inches (76 mm) thick top in cement concrete 1:2:4 using 1/4 inch (6.4 mm) to 3/4 inch (20 mm) stone ballast, finished with a floating coat of neat cement with 2 way reinforcement of steel I./e. 3/8 inch (9.5 mm) dia bars 6 inches (150 mm) centre to centre for top, C.I. cover and frame 14" x 14" (356 mm x356 mm) clear opening (wt. 2 Qtr. or 20.4 kg), 1-1/2 inches (40 mm) dia. scour pipe, and suitable size pipe for overflow and holes for inlet and outlet pipes of requisite sizes etc., complete. Tank size 4-1/2 ft x 4-1/2 ft x 4 ft. (1.37 m x 1.37 m x 1.22 m) (inside) (netcapacity 400 gallons or 1818 litres).	1.00	No.s			Each	
5	Providing and laying 1:3:6 machine made cement concrete solid block masonry 4 to 6 inches (102 mm to 152 mm) thick using graded screened bajri 3/4 inch (19 mm) and down gauge set in cement mortar 1:4 including scaffolding, raking out joints and curing etc. complete in ground floor superstructure.	10.00	Cft			100Cft	
6	1/2" (13 mm) thick cement plaster 1:4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete .	49.00	Sft			100Sft	
7	Providing and fixing pre-cast RCC slab length exceeding 4'-6" (1372 mm) but not exceeding 6'-6" (1981 mm) width 1'-6" to 2'-00 (457 mm to 610 mm) made by Izhar (Pvt) Limited includingsetting inpositionand filling the jointswith cement motar 1:4 etc. complete as per direction of the Engineer-in-Charge	9.00	Sft			100 Sft	
8	Plastering 3/4" (19 mm) thick in patches in cement sand mortar 1:4 including curing and scraping old damaged portion in regular shape and removal of rubbish from the site etc. complete as per direction of Engineer-in-Charge in ground floor.	200.00	Sft			100Sft	
9	Providing and laying gola 3" x 3" (76 mm x 76 mm) concrete 1:2:4 using graded screened bajri at junction of roof slab and walls and finished with cement plaster 1:4 including curing etc. complete.	205.00	Rft			100 Rft.	
10	Providing and laying floors of 2 inches (51 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing, and curing etc. complete	534.00	Sft			100Sft	

11	Providing and laying light colour, glazed/non skid vitrified porcelan tiles (Polished) not exceeding 1600 Sqcm each, (Pak made) on walls and floors, in any floor, laid with dry bond (stile bond) over a base of 1" thick cement mortar (1:3) including jointing to tiles with joint filler of approved quality as per direction of the Engineer incharge.	104.00	SFT			100 Sft	
12	Providing and laying floor of 3/4 inch (19 mm) thick white marble tiles, more than 5 Sq. inch upto 7 Sq.ft inch (more than 0.46 Sq.cm and upto 0.65 Sq.m) size fine dressed on the surface, without winding in ground floor over 1 inch (25 mm) lime mortar 1:2 (one lime, two sand) setting the marble tile with grey cement slurry over lime mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing etc. complete, including the cost of mortar.	28.00	SFT			100 Sft	
13	Providing and fixing fully glazed Silver anodized or powder coated aluminium Sliding windows as per British standard manufactured by Lucky, Prime, Chawla, Krudson and Pakistan Cables. (fixing through their approved fabricators), Deluxe model box section 95mm x 30mm and 1.6mm thick including the cost of aluminium netting ,fittings, with all accessories cutting hole etc. and making good damages to walls etc. complete as required in any floor as per direction of engineer-in-charge, but excluding the cost of glass pans.	25.00	Sft			P. Sft.	
14	Providing and fixing plain glass panes 5mm thick to M.S. Box pipe / Aluminium doors, windows and ventilators etc including the cost of labour but excluding the cost of M.S. square pipe beading, rubber packing and screw in any floor at any height.	25.00	Sft			P. Sft.	
15	P/F kitchen cabinet floor mounted of 3/4" thick laminated board with best quality deodar wood frame and beading required section in approved pattern etc, fixed on wall with rawal pugs, screws i/c cost of glue, nail, piano hinges, handles and painting or polishing etc as drawing complete all as respect.	33.00	SFT			P. Sft.	
16	Providing and fixing solid core 1st class deodar wood veneered flush door shutter 1-1/2 inches (38 mm) thickness with and including the cost of commercial veneer facing of not less than 1 mm thickness on either side, cross band of standard specification with solid fully laminated core, 2 inches (51 mm) wide best quality deodar wood outer faces alround as commercially produced by standard manufacturers under power driven hydraulic press as approved by Engineer-in-charge including iron fittings etc., complete but excluding the cost of handles and locking arrangement.	18.00	SFT			P. Sft.	
17	Providing and fixing G.I. wire gauze of 24 gauge and 144 mesh per square inch (6.45 SqM.) and chicken netting of approved quality and mesh with best quality deodar wood beading upto one square inch or 6.45 Scm. in section of approved design with iron screws over existing frame etc., as required .	27.00	Sft			P. Sft.	
18	Providing and fixing PPRC pipe PN-20 with specials, and M.S clamps etc, including cutting and fitting complete with and in-cluding the cost of breaking through walls and roof and making good etc; after cleaning the pipe and cartage within 10 miles 25mm dia.	50.00	Rft			P.Rft	
19	Providing and fixing PPRC pipe PN-20 with specials, and M.S clamps etc, including cutting and fitting complete with and in-cluding the cost of breaking through walls and roof and making good etc; after cleaning the pipe and cartage within 10 miles 32mm dia.	15.00	Rft			P.Rft	

20	Providing and fixing unplasticized polyvinyl chloride pipe (u.P.V.C) "E" class with specials) and M.S clamps etc., including cutting and fitting, complete with and including the cost of breaking through walls and roof and making good etc.; after cleaning the pipe and cartage within 10 miles (16.09 km) (working pressure 12 kg/cm ²): 3 inches (80 mm) dia pipe..	20.00	Rft			P.Rft	
21	Providing and fixing unplasticized polyvinyl chloride pipe (u.P.V.C) "E" class with specials) and M.S clamps etc., including cutting and fitting, complete with and including the cost of breaking through walls and roof and making good etc.; after cleaning the pipe and cartage within 10 miles (16.09 km) (working pressure 12 kg/cm ²): 4 inches (100 mm) dia pipe..	10.00	Rft			P.Rft	
22	Providing and fixing 1/2inch (15mm) dia ball valve (with PVC Ball) made to B.S.S. 1212....	2.00	No.s			Each	
23	Providing and fixing 3/4 inch (20 mm) dia ball valve (with PVC Ball) made to B.S.S. 1212....	1.00	No.s			Each	
24	Providing and laying jutoid water proof matting 1/12 inches to 1/16 inch (2.1 mm to 1.6 mm) thick on top flat or sloping roofs (ground floor) with adhesive No. 70 at the rate of 10 lbs per hundred square feet (0.48 Kg per s.m) diluted with 13% of solvent like kerosine oil etc. including the cost of overlaps, cleaning and scraping the surface with wire brushes before applying the adhesive and jutoid etc. complete as per specifications .	785.00	Sft			100Sft	
		Total Rs.					

CONTRACTOR



DIVISIONAL ENGINEER ES (CIVIL)
ES CIVIL-II, JIAP

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