

Bill of Quantity (B.O.Q)					
Repair and Maintenance works of Different Residential & Non Residential Buildings under GSO Circle HAZECO					
Item No.	Description	Qty	Unit	Rate (Rs)	Amount
1	Dismantling cement concrete plain. (1:2:4).	6.000	Cum		
2	Dismantling cement concrete plain 1:4:8.	4.000	Cum		
3	Dismantling Tile flooring.	12.668	Sqm		
4	Dismantling brick work in cement mortar.	8.000	Cum		
5	Dismantling stone masonry in cement mortar.	4.000	Cum		
6	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same.	3.000	Cum		
7	Dismantling brick tile roofing.	14.000	Sqm		
8	Dismantling G.I sheet roofing.	18.000	Sqm		
9	Dismantling brick or concrete flooring.	22.000	Sqm		
10	Removing cement plaster.	18.000	Sqm		
11	SCRAPING a) Whitewash or colour wash.	30.000	Sqm		
12	SCRAPING b) Ordinary distemper,oil bound distemper or paint on wall .	30.000	Sqm		
13	Removing door window frame.	22.000	No		
14	Dismantling iron work of trusses, sheds, water tanks, etc.	80.000	Kg		
15	Jungle clearance removing with 30m. b) Thick	200.000	100 Sqm		
16	Providing and fixing HAZECO monogram on the main entry gate of Grid Station prepared from 16 gauge MS sheet.	20.000	each		
17	Painting (2 coats) and lettering of sign posts.	20.000	each		
18	Petty repair to Main Rooms	24.000	each		
19	Petty repair to Small Rooms	24.000	each		
20	Petty repair to Verandah.	24.000	each		
21	Petty repair to fire places.	24.000	each		
22	Excavation in foundation of buildings, bridges and other structures including dibbling dressing, refilling around structure with excavated earth watering and ramming lead upto 30m and lift upto 1.5m. b)in ordinary soil.	42.000	Cum		
23	Cement concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio: d)1:4:8.	12.000	Cum		
24	Cement concrete plain including placing compacting finishing and curing complete (including screening and washing of stone aggregate) without shuttering. Ratio: b)1:2:4.	42.000	Cum		
25	R.C.C Work in Roof slabs ,beams columns, rafts, lintles, and other structural members laid in situ and other structural memebbers complete in all respect. Ratio 1:2:4	20.000	Cum		
26	Supplying and fabrication of intermediate grade deformed reinforcement of 40000 PSI (276 mpa) yield for RCC in beams, Columns and pile caps i/c cutting ,bending . laying, in position i/c cost of bending wire and removal of rust from bars etc.	800.000	Kg		
27	Bricks work in foundation & plinth in Cement sand mortar. Ratio:1:5.	12.000	Cum		
28	Damp proof course with (cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture. a) 40mm.	6.000	Sqm		
29	Bricks work other than building including stricking of joints upto 3.0m height in Cement sand mortar. Ratio: 1:5.	24.000	Cum		
30	Brick work in ground floor in 1:4 cement sand mortar i/c stricking of joints .	12.000	Cum		
31	Coursed Rubble masonry including hammer dressing in Cement sand mortar. Ratio: 1:3.	4.000	Cum		
32	Dressing stone: b)Rough tooled dressed	8.000	Sqm		

Item No.	Description	Qty	Unit	Rate (Rs)	Amount
33	Racking and washing joints of of stone masonry work (old work).	20.000	Sqm		
34	Cement plaster (1:3) upto 1st floor height: c) 20mm.	60.000	Sqm		
35	Cement plaster (1:4) upto 6.00 Meter height 13 mm thick.	60.000	Sqm		
36	Pointing flush on stone work : b) Cement mortar 1:3(cement & sand .	12.000	Sqm		
37	Cement pointing struck joints on wall in ratio: a) 1:2.	18.000	sqm		
38	Topping of cement concrete 1:2:4 including surface finishing and dividing into panels. 50mm	400.000	Sqm		
39	P/F Glass strip for dividing the flooring into panels 50 mm.	400.000	Rm		
40	Glazed tiles dado 6mm thick jointed in white cement & laid over 1:2 cement sand mortar 20mm thick including finishing:	24.000	Sqm		
41	Flooring comprising of glazed tiles 6mm thick laid in white cement mortar 1:2 over 20mm thick cement mortar 1:2 complete.	44.000	Sqm		
42	Flooring comprising of garnite glazed tiles 6mm thick laid in white cement mortar 1:2 over 20mm thick cement mortar 1:2 complete: colored	18.000	Sqm		
43	White marble flooring fine dressed on the surface without winding set in cement mortar 1:2 laid over 20 mm thick cement mortar 1:2 including rubbing & polishing:b)25mm	14.000	Sqm		
44	Providing and laying of Tuff tile over 100mm thick sand complete as per standard design approved by Engineer Incharge.	400.000	Sqm		
45	Fabrication, erection, fixing and installation of car shed of 3ply fiber glass sheet with steel structure made of 18 gauge square tube 32 x 32 mm side bracing for sheet with MS flat 25 x 3mm and 75mm dia 16 gauge vertical post complete in all respect.	24.000	Sqm		
46	Providing and fixing of Razor barbed wire fencing having 460mm ring at 150mm center to center hanging on 10mm dia MS bar with 40x40x5mm angle iron post of 1.0m height complete.	40.000	Rm		
47	Providing and fixing G.I 1.5m length 50x50x6mm angle iron post for barbed wire fencing around switch yard duly fixed in position (Dwg No.PDW/TB-126).	22.000	each		
48	Providing / fixing 7 rows barbed wire fencing around boundary wall /switch yard G.I barbed wire 14 SWG 2 ply, 4 Points fixed on G.I angle iron 50x50x6mm posts complete (Excluding cost of angle iron post).	40.000	Rm		
49	Corrugated galvanized iron sheets fixed with G.I. bolts, nuts limpets and bitumen washer, windties complete in all respects without valleys & ridges: b) 22 S.W.G	20.000	Sqm		
50	Extra labour for erection of G.I sheets, flat sheets or asbestos sheet roofing above 6.00m height in difficult position including lifting with care & special scaffolding along live electric wires.	20.000	Sqm		
51	Plain galvanized iron sheet ridging including fixture, timber for ridge roll and ridge sheeting: a) 150mm lap & 450mm over all of 22 gauge G.I. sheet ridging.	8.000	Rm		
52	Glazing with plate glass 6mm thick using PVC gasket.	30.000	Sqm		
53	False ceiling comprising iron L & T Section and Gypsum Board complete in all respect.	300.000	Sqm		

Item No.	Description	Qty	Unit	Rate (Rs)	Amount
54	Providing & fixing laminated board for Cupboard upto 600mm deep complete in all respect.	20.000	Sqm		
55	Providing and fixing almirah as per standard design of WAPDA residences i/c Almirah hinges, locks, handle and magnetic catcher etc. complete in all respect.	10.000	Sqm		
56	Providing and fixing laminated board for wardrobe shutter as per standard design of WAPDA residences i/c Almirah hinges, locks, handle and magnetic catcher etc. complete in all respect.	12.000	Sqm		
57	Making grooves in walls for pouring of Almirah / wardrobes slab.	18.000	No		
58	Providing and fixing of bent metal 16 SWG frame 250mm wide for door size 760mm x 2.134m (2.5' x 7') complete in all respect.	20.000	No		
59	Providing and fixing Flush door leaf as per CDO Drawing.	22.000	Sqm		
60	Re- Fixing door and windows including chowkhats.	12.000	No		
61	Deodar wood wrought joinery work in wire gauze doors and windows with 22 SWG galvanized 12x12 to 25x25 sqmm meshes including iron fittings complete.	6.000	Sqm		
62	Providing & fixing approved quality mortice lock.	16.000	No		
63	Providing and fixing of steel doors without grill work on outer face as per approved design of Engineer Incharge.	8.000	Sqm		
64	Weather shield paint on painted/old surface, one coat.	2000.000	Sqm		
65	Weather shield paint on painted/old surface two coats	1800.000	Sqm		
66	Distempering two coats on old surface	4000.000	Sqm		
67	White Washing two coats on old surface.	4000.000	Sqm		
68	Painting old surfaces: a) Painting surfaces, corrugated patent roofing, etc. with oil paint: 2Coat	400.000	Sqm		
69	Painting of doors and windows any type including edges with 02 coats of synthetic enamel (ICI Dulux) on old surface approved by the Engineer Incharge .	400.000	Sqm		
70	Painting sashes , fan lights , glazed or gauzed doors and windows any type two 02 coats on old surface.	400.000	Sqm		
71	Providing,preparing surface and applying 3 coats of approved type of plastic emulsion paint to plaster surface as per manufactures specification .	300.000	Sqm		
72	White washing c) Three coat.	2400.000	Sqm		
73	P/F white glazed earthen ware wash basin domestic of supreme quality.	10.000	each		
74	P/F white glazed earthen ware Pedestal for wash basin domestic of supreme quality.	10.000	each		
75	P/F waste pipe for wash hand basin 32mm dia pipe.	10.000	each		
76	P/F white glazed earthen ware water closet European type domestic of best quality.	10.000	each		
77	Seat and cover for European type water closet(Pakistan made)b)PVC.	10.000	each		
78	P/F White glazed earthen ware water closet squatting type domestic Indian pattern of best quality.	10.000	each		
79	P/F S-trap 102mm dia China ware	10.000	each		
80	P/F low level flushing cistern 13.5 litres capacity best quality plastic.	10.000	each		
81	P/F looking glass 550mmx400mm size 1st quality without frame Belgium/Japan made.	10.000	each		
82	P/F glass shelves 600mmx125mm size with C.P brackets with C.P railing.	10.000	each		

Item No.	Description	Qty	Unit	Rate (Rs)	Amount
83	P/F chromium plated towel railing 500mmx13mm size.	10.000	each		
84	P/F Paper holder Plastic.	10.000	each		
85	P/F Soap dishes plastic.	10.000	each		
86	P/F C.I Brackets for wash basin .	10.000	each		
87	P/F PVC flushing bend 32mm dia.	10.000	each		
88	P/F waste coupling 32 " dia.	10.000	each		
89	P/F connections 13mm dia PVC	10.000	each		
90	P/L of C.I, UPVC soil pipes including jointing for dia 100mm.	80.000	Rm		
91	C.I, UPVC soil specials including jointing for dia 100mm.	120.000	each		
92	C.I manhole covers having following diamter with frames 300mm.	10.000	each		
93	P/L , Jointing, fixing and testing heavy water or steam quality G.I or W.I pipe line with all specials inside buildings and trenches with internal diameter (20mm)	120.000	Rm		
94	Dismantling, disjoining, removing & cleaning of external surface of G.I or W.I pipe line with all specials, valves and fitting and removal of holder bates and stacking all material at site of work for internal diameter (20mm)	120.000	Rm		
95	Refixing, cleaning threads and rejoining dismantled G.I or W.I pipes, specials, valves and fittings etc complete in all respect with internal dia meter (20mm)	120.000	Rm		
96	P/F Telephonic shower with mixing valves (double bib cock 1/2" + Muslim Shower) Chromium plated or oxidized swan neck cocks13mm diameter (Two way)	10.000	each		
97	Telephonic shower: b) Without mixing valves.	10.000	each		
98	P/F Chromium plated shower 13mm complete with C.P. arm, 2 Nos. C.P. stop cock 1 No. C.P. bib cock & 1 No. C.P. shower complete in all respect.	10.000	each		
99	P/F C.P tee stop cock 13mm dia.	10.000	each		
100	P/F chromium plated or oxidized swan neck cocks 13mm dia two way (basin/sink mixer).	10.000	each		
101	Chromium plated shower 13mm complete with C.P. arm, 2 Nos. C.P. stop cock 1 No. C.P. bib cock & 1 No. C.P. shower.	10.000	each		
102	Chromium plated mixing valves.	10.000	each		
103	P/F C.P stops cocks.	12.000	each		
104	Providing and fixing of distribution board single phase 60 Amps, 250 volts with 1-No. incoming circuit breaker 60 Amps. D.P. 6-Nos. out going 6-15 Amps. Single pole circuit breaker with N link on prepared board.	18.000	each		
105	Wiring mains with 2-1/1.13 (3.029) PVC insulated wire 660 volts grade in 19.1 mm PVC conduit fitted on surface.	120.000	Rm		
106	Wiring mains with 2-1/7/0.85 (7/.029) PVC insulated wire 660 volts grade in 25 mm PVC conduit fitted on surface.	80.000	Rm		
107	S/E of ceiling fan best quality including wiring of down rod with 1/1.13mm(3/.029) PVC wire, fixing of regulator, blade, canopy etc 56" sweep.	18.000	each		
108	Providing and fixing of Bracket fan 605mm (24") best quality (i.e. Royal, GFC, Pak etc)	18.000	each		
109	Providing and fixing of Exhaust fan 250mm (10") dia Plastic body best quality (i.e.Royal, GFC, Pak etc)	18.000	No		

Item No.	Description	Qty	Unit	Rate (Rs)	Amount
110	Providing & fixing/connecting A.C. one way S.P. 5 Amps, already flush type switch as replacement on metal board recessed in the walls or columns and covered with sheet.	19.000	No		
111	Wiring light or fan point with 1/1.13 mm (3/0.029) PVC insulated wire in 19.1 mm PVC Conduit 1.50 mm thick on surface complete with switch, ceiling rose/batten holder in etc.	451.000	No		
112	Providing and fixing surface type 2 pin 5 Amps S.P. Plug-socket and switch as replacement on board already exit.	55.000	No		
113	Providing and fixing surface type 3 pin 15 Amps S.P. Plug-socket and switch as replacement complete with board.	56.000	No		
114	Indoor type lights: Providing and fixing of Down Light 100 mm I 125 mm (4" / 5") Dia complete with Energy Saver 23 W or equivalent LED Light	202.000	No		
Total					
Add 5%KPRA Tax					
Total Bid Cost					

Bidder Address _____

Bidder Signature

Note:

- 1- Quantum of work can be increase/decrease as per actual work done at site.
- 2- Bidder must quote their total bid cost including 5%KPRA Tax.
- 3- 43.76% Inflation factor and 5%KPRA Tax already included in Total Estimated cost of this work.
- 4- Errors/mistakes will be corrected as and when detected.