

**Bid Schedule
For
REHABILITATION / UPGRADATION OF OFFICE BUILDING, PROCUREMENT OF IT
EQUIPMENT FOR SUB DIVISIONS AND ESTABLISHMENT OF CORPORATE CENTER
WASA, LAHORE**

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
	Interior & Exterior Design Shell be Submitted by the contractor				
1	Dismantling brick work in lime or cement mortar	787.50	%cft	2661.40	
2	Dismantling glazed or encaustic tiles, etc.	1976.00	% Sft	1339.00	
3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around 17.1 to 17.5 structure with excavated earth, watering and rammiing lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) in ordinary soil. (Ch. 3 Item 21) (b)	1225.00	%o Cft	6614.80	
4	Dry rammed brick or stone ballast, ½" to 2" (40 mm to 50 mm) guage (Ch.6 item 2)	175.00	% Cft	4262.30	
5	Cement concrete plain including placing,compacting, finishing & curing complete (including screening and washing of stone aggregate).Ratio 1 : 4 : 8. (Ch.6 Itme 5 (i)) (6/42) (7)	175.00	% Cft	17597.00	
6	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:5 (Ch. 7 Item 4(i))	600.00	% Cft	20848.35	
7	Providing and laying damp proof course of cement concrete 1:2: 4 (using cement, sand and shingle), including bitumen coating :- with 2 coats of bitumen. 2" thick (50 mm) (Ch. 6 Item 33(b))	75.00	% Sft	5736.70	
8	Pacca brick work in ground floor:- cement, sand mortar: (Ratio 1:4) (Ch. 7 Item 5(i))	4197.86	% Cft	22666.05	
9	Supplying and filling sand under floor; or plugging in wells. (Ch. 7 Item 30)	1000.00	% Cft	1820.90	
10	P/F raised floor trunking system access floor socket / floor boxes china made	14.00	Each	3400.00	
11	Cement plaster 1:3) ratio upto 20 ft height 1/2" thick (Ch. 11 Item 8(b))	6900.00	% Sft	1968.35	
12	Making & fixing steel grated door with 1/16" thick sheeting i/c angle iron frame 2" x 2" x 3/8" and 3/4" square bars 4"center to center,with locking arrangement (Ch. 25 Item 31)	28.00	P/Sft	1033.60	
13	Painting old surface c) Painting doors and windows, any type: (i/c edges) (Ch. 13 Item 4(c) 03 coats ii) each subsequent coat of paint	1820.00 1890.00	% Sft % Sft	549.70 416.95	
14	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of M/s Al-Cop or Pakistan Cables having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.65mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc. 1.6mm thick, as approved by the Engineer in-charge. (Ch. 25 Item 53)(a)	900.00	P/Sft	675.40	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
15	Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects. (Ch. 12, Item 54)	550.00	P/Sft	219.40	
16	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:- 4" dia (100 mm) cast iron down pipe. (Ch. 9, Item 20(a))	150.00	P/Rft	218.95	
17	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting. (Ch. 9, Item 21)	6.00	Each	540.05	
18	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting. (Ch. 9, Item 22)	6.00	Each	326.00	
19	Scraping:- b) Ordinary distemper or paint of wall. (4/49) (b)	4400.00	%Sft	469.65	
20	Removing cement or lime plaster. (4/48)	4400.00	%Sft	260.90	
21	Dismantling cement concrete 1:2:4 plain (Ch. 4 Item 19c)	220.00	%cft	6888.30	
22	Providing and fitting, "P" trap:- ii) 10 cm (4") glazed (19/34) (ii)	5.00	Each	143.25	
23	Providing and fitting, flusing bend of PVC. ii) 4 cm (1½")(19/4) (ii)	6.00	Each	52.20	
24	Providing and fitting white glazed earthen ware water closet, squat type, with separate foot rest. (19/4)	3.00	Each	2072.60	
25	Cement concrete plain including placing, compacting, finishing & curing complete (i/c screening and washing of stone aggregate). Ratio 1:2:4. (6/7)	350.00	%Cft	22550.60	
26	Preparing surface and painting with emulsion paint with 03 Coats. (13/31) (a)	7733.33	%Sft	1173.70	
27	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer two coat complete complete in all respect. (13/32)(a)	7000.00	%Sft	2200.50	
28	Providing and fitting glazed earthen ware water closet European type, excluding seat and cover:- i) White (19/1) (i)	5.00	Each	2191.50	
29	Providing and fixing double seat and cover only. ii) plastic (19/2) (ii)	5.00	Each	232.65	
30	P/F plastic made lowdown flushing cistern (3 gallons) capacity i/c bracket set copper connection complete. i) White (19/12) (i)	5.00	Each	1208.80	
31	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, wate pipe and waste cupling, etc. i) White with pedestal (19/6) (i)	5.00	Each	2524.45	
32	Providing and fixing looking glass 55x40 cm (22"x16") size and 5 mm thick first quality. (19/19)	5.00	Each	387.80	
33	Providing and fitting i) plastic soap dish (16/22) (ii) ii) plastic towell rail (16/22) (iii) iii) Plastick shelf 60 x 13 cm into (24" x 5")	5.00 5.00 5.00	Each Each Each	162.15 252.20 433.55	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
34	Providing and fitting, chromium plated or brass oxidised, swan neck cock 15mm (½") dia. i) Single way (19/31) (i)	7.00	Each	377.70	
35	Providing and fixing chromium plated bib cock:- i) 1.5 cm (½") (19/26) (ii)	10.00	Each	335.70	
36	Providing and fixing chromium plated stop cock, heavy. i) 1.5 cm (½") (19/24) (ii)	10.00	Each	185.70	
37	Supply and erection of pole mounted street light, holders, shade and glass, etc, for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps) ii) Philips design (24/64) (ii)	6.00	Each	3363.65	
38	Supply and fitting of mercury vapour lamp, complete with choke set. i) 125 watt lamp (24/65) (i)	5.00	Each	1140.75	
39	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, reworking, handling, assembling and fixing, but excluding erection in position.	400.00	% Kg	14728.15	
40	Erection and fitting in position iron trusses, staging of water tanks, etc. (25/11)	400.00	%Kg	732.20	
41	Laying floor of approved white glazed tile 1/4" (6mm) thick in white cement 1:2 over 3/4" (20mm) thick cement mortar 1:2 complete. (10/24)	592.00	%Sft	14521.55	
42	White glazed tile (6" x 6" x 1/4") (6mm) thick dado jointed in white cement laid over 1:2 cement sand mortar 3/4" (20 mm) thick, including finishing. 10/37	2080.00	%Sft	15749.80	
43	Dismantling brick of flagged flooring without concrete foundation. (4/29)	2500.00	%Sft	532.30	
44	Providing and fixing 1½" (40 mm) thick hollow flush doors and windows with commercial ply (3 ply) on both faces of deodar wood shutter frame 1¼" (30 mm) thick and partial wood braces at about 3" (75 mm) apart and deodar wood lipping 1½"x3/8" (40 mmx10 mm) fixed with M.S. chowkat (frame) including chromium plated fittings, etc. complete in all respects (without sliding bolt or lock):- (10/49) (i) i) M.S. angle iron 1½"x1½"x¼", welded Per Sft. 122.20 620.20 sq.m 1315.10 6673.40 (40 mmx40 mmx 6mm) with M.S. flat 2"x¼" (50 mm x 6 mm)	129.50	P/Sft	659.10	
45	Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8" (40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8" (20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted, complete in all respects, including all cost of material and labour, etc. as per approved design and as directed by the Engineer-in-charge:- v) glass pane 5 mm thick (25/41) (b-v)	25.00	P/Sft	471.25	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
46	Providing and fixing barbed wire fencing on compound wall, consisting of 1½"x1½"x3/16" (40x40x5mm) angle iron post 3' (900 mm) long, 4' (1200 mm) apart embedded in cement concrete 1:4:8 base of size 6"x6"x9" (150x150x225mm) and 4 rows of barbed wire, including binding wire, painting posts, etc, complete in all respects. (25/50)	450.00	% Rft	15096.70	
47	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 16.1 aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (Ch. 1 Item 1) 189 Km Lead	100.00	%Cft	5346.80	
48	Providing and laying tuff pavers, having 7000psi crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to required slope. Complete in all respects. (50% gret / 50% colored) b)60mm thick	6500.00	P/Sft	98.35	
49	Providing and Fixing partition including framework b) sheet on both sides of framework Plywood(6mm)thick (12/40b)	575.00	%Sft	26650.90	
50	B) Providing and laying at any floor any height glazed finish plain porcelain tiles of approved colour and quality to floors. Straight or curved, laid with neat white cement over 3/4" average thick cement sand base plaster 1:4 filling joints with Stile joint filling grouts of grey colour. Cutting tiles where required making holes respects as shown on drawings and as directed by the Engineer	5200.00	P/Sft	252.35	
51	Providing and fixing of Fiber Glass (4 ply) (1.75mm) fixed on square box of 2'x2' made of box section pipe 1.5"x1.5" 18 gauge, including welding of pipe to make square of 2'x2' size including painting, as per satisfaction of engineer incharge complete in all respect (as per analysis attached)	1150.00	P/Sft	461.00	
52	Providing / fixing WASA Monogram with back light size (2x8) as per approved sample/drawing by the engineer incharge	2.00	Each	18120.00	
53	Removing and transorting malba (Analysis attached)	1497.00	P/Cft	26.30	
54	Plantation for beautification as per satisfaction of the Engineer incharge	140.00	P/Sft	260.90	
55	Providing and fixing of PPRC 25mm pipe for water supply as per approved sample	400.00	P/ft	49.29	
56	Providing and fixing of PPRC 32mm pipe for water supply as per approved sample	600.00	P/ft	71.23	
57	Providing and fixing of PPRC Elbow 45° 25mm (Best Quality as per approved sample)	10.00	Each	61.86	
58	Providing and fixing of PPRC Reducing Elbow32-25mm (Best Quality as per approved sample)	8.00	Each	109.00	
59	Providing and fixing of PPRC Reducing socket 32-25mm (Best Quality as per approved sample)	10.00	Each	58.26	
60	Providing and fixing of PPRC Reducing socket 25mm (Best Quality as per approved sample)	8.00	Each	42.66	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
61	Providing and fixing of PPRC Equal Tee 25mm (Best Quality as per approved sample)	10.00	Each	51.06	
62	Providing and fixing of PPRC Union 25mm (Best Quality as per approved sample)	9.00	Each	337.86	
63	Providing and fixing of PPRC Pipe clump 25mm (Best Quality as per approved sample)	10.00	Each	29.70	
64	Providing and fixing of PPRC Elbow 32mm (Best Quality as per approved sample)	9.00	Each	87.06	
65	Providing and fixing of PPRC Socket 32mm (Best Quality as per approved sample)	11.00	Each	57.06	
66	Providing and fixing of PPRC Equal Tee 32mm (Best Quality as per approved sample)	9.00	Each	73.86	
67	Providing and fixing of PPRC Union 32mm (Best Quality as per approved sample)	11.00	Each	528.00	
68	Providing and fixing of PPRC Pipe clump 32mm (Best Quality as per approved sample)	9.00	Each	32.10	
69	Providing and Fixing of PVC wall panelling as per engineer incharge complete in all respects to the satisfaction of the engineer incharge	4850.00	P/Sft	129.60	
70	Providng and Fixing False ceiling of hanging with RCC roof by means of copper wire complete in all respect to the satisfaction of the engineer incharge	5641.50	P/Sft	130.80	
71	Providng and fixing of Windows Rolling blind (superior quality) as approved by the engineer incharge	84.00	P/Sft	200.00	
72	Providng and fixing of Windows Vertical blind (superior quality) with sawing charges as approved by the engineer incharge	209.00	P/Sft	110.33	
73	Glass works Tempered 12mm glass with Aluminium frame as per satisfaction of the engineer incharge	1165.00	S/ft	750.00	
74	Glass works Tempered 5mm glass with Aluminium frame as per satisfaction of the engineer incharge	585.00	S/ft	550.00	
75	P/F Glass Door machine complete in all respect as per approved sample/drawing by the engineer incharge	3.00	Each	7000.00	
76	LED/SMD 4" Ceiling light 12 watt as per approved sample/drawing by the engineer incharge	40.00	Each	427.79	
77	Providing and Fixing of Energy Saver with holder as per approved sample/drawing by the engineer incharge				
	i) 85 Watt	3.00	Each	1525.79	
	ii) 45 Watt	3.00	Each	745.79	
	iii) 25 Watt	3.00	Each	286.19	
78	Providing and fixing of China fitting switch plate 8 holes with button & switch (superior quality as per approved sample/drawing by the engineer incharge) Analysis attached	19.00	Each	1339.00	
79	Providing and fixing of China fitting Light plug (superior quality as per approved sample/drawing by the engineer incharge) analysis attached	19.00	Each	498.00	
80	Providing and fixing of China fitting Power plug (superior quality as per approved sample/drawing by the engineer incharge) analysis attached	19.00	Each	1026.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
81	P/F Water Tank 500 Gallon capacity as per approved sample/drawing by the Engineer incharge	1.00	Each	24980.00	
82	P/F of GREE or equivalent 24 CITH1-Inverter AC-2 Ton complete in all respect as approved by the Engineer	3.00	Each	135000.00	
83	2 Door 4 Shelf steel made office cabinet complete in all repsect as per approved sample/drawing by the engineer incharge	2.00	Each	17400.00	
84	Supply and erection of PVC pipe for wiring recessed in wall's, including inspection boxes, pull boxe's, hook's cutting jharries and repairing surface, etc.,complete with all specials. 20mm dia. (24/3) (ii) 32mm dia (24/3) (iv)	1100.00 1100.00	P/Rft P/Rft	42.25 59.95	
85	Supply and erection of single core PVC insulated copper conductor cables, in prelaidd PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables onlv):- Single Core PVC Cable 3/0.029" (24/10)(i) Single Core PVC Cable 7/0.029" (24/10)(iii) Single Core PVC Cable 7/0.044" (24/10)(iii) Single Core PVC Cable 7/0.064" (24/10)(iii)	3050.00 1650.00 929.00 550.00	P/Rft P/Rft P/Rft P/Rft	11.85 16.15 32.45 75.95	
86	S/E of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc. Complete double rod (80 watts) with two chokes and 2 starters. (Ch. 24 Item 43)(iil)	5.00	P/Set	1278.80	
87	Supply and erection of M.S sheet box of 16 SWG 10cm (4") with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. i) 10x10 cm (4"x4") (24/14)(i) ii) 17.5x10 cm (7" x 4") (24/14)(ii)	19.00 19.00	Each Each	160.10 225.30	
88	S/Erection of switches 5 Amp. (Piano type) (Ch. 24 Item 31) (ii)	20.00	Each	35.40	
89	Supply and erection of wall socket with 3 pin 5 Amp. shoe. (Ch. 24 Item 33)	10.00	Each	81.60	
90	Supply and erection of 3 pin 10/15 Amp. Wall sockedt with shoe, open type. (Ch. 24 Item 37)	10.00	Each	149.60	
91	P/F Main panel Board as per approved sample/drawing by the engineer incharge	1.00	Each	13800.00	
92	P/F Exhaust fan 12" Ø plastic body as per approved sample/drawing by the engineer incharge	5.00	Each	2256.00	
93	P/F ceiling fan 56" complete in all respects as per approved sample/drawing by the engineer incharge	3.00	Each	4000.00	
94	P/F Bracket fan best quality as per approved sample/drawing by the engineer incharge)	13.00	Each	3480.00	
95	P/F UPS 2000 W capacity manufactured by approved quality homeage, ecostar or Equivalentt with 02 Nos. Batteries 175Amp approved quality Exide, AGS Deawoo or Equivalent complete in all respect	6.00	Job	56700.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
96	P/F Flood light (45 Watt) as per approved sample/drawing by the engineer incharge)	2.00	Each	2834.22	
97	Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying inposition, making joints and fastenings, including cost of binding wire and labour charges for binding wire and labour charges for binding of steel reinforcement. Deformed (G-60)	870.42	%Kg	13646.00	
98	Providing and laying reinforced cement concrete (including prestressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.):- a) (i) Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- ratio (1: 1½: 3)	210.70	P/Cft	391.25	
99	Providing and fixing M.S. sheet hollow pressed frame of doors, windows, C. windows, etc. (chowkat only) of 20 SWG welded with M.S. flat 6"x 1¼" x 1/8" (150 mmx30mmx3mm) M.S. holdfast 9"x1"x1/8" (225mmx25mmx3mm) welded/screwed 4" (100 mm) long iron hinges, including filling chowkat with cement sand mortar 1:8 and embedding holdfast in cement concrete 1:2:4, complete in all respects: a) single rebate	163.50	Per Sft.	149.55	
100	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:- i) 0 ft. to 7.0 ft. depth (Without Shuttering)	360.00	%0Cft	5492.50	
101	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc.including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe fromfactory to site of work, lowering in trenches to correctalignment and grade, jointing, cutting pipes wherenecessary, finishing and testing, etc., complete 225mm (9") dia	40.00	Rft	344.50	
102	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:3 + Extra for pacca brick work in steining of wells or any other circular masonry. upto 10ft. (3m) height	100.00	%cft	24493.55	
103	Cement Pointing upto 20 ft height	400.00	%Sft	2014.10	
104	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	2.00	P/Set	7592.05	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
105	Rehanding of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel	1225.00	%0Cft	1565.50	
106	Transportation of earth all types when the total distance including the lead covered in the item of work, is more than 1000 ft. (300 m) a) upto ¼ mile (400 m).	4500.00	%0Cft	2929.60	
107	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	450.00	% Sft.	6810.90	
108	Providng / fixing gutka as per desire of engineer incharge. (Analysis attached)	6000.00	P/Sft	205.10	
109	Providing and fixing, approved quality mortice lock as per approved sample/drawing by the engineer incharge)	10.00	Each	562.05	
110	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	1.00	Each	4462.95	
111	Providing and fixing Vin board cabinet 3/4" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc., complete in all respects. (iv) 2' deep with back	700.00	Per Sft	692.20	
112	Providing and fixing SMD ceiling light 24" x 24" day light complete in all respect as per approved sample/drawing by the engineer incharge)	186.00	Each	6700.00	
113	Providing and fixing work station compraising of laminated board 3/4" thick and wooden frame with drawers 4 Nos key board rock with ailing handles complete as per the satisfaction of the Engineer incharge	300.00	P/Sft	300.00	
114	P/F Tri seater Aluminium Steel bench with Poshes weight 32 Kg 54 cm each chair width high quality as per approved sample/drawing by the engineer incharge)	8.00	Each	22000.00	
115	P/F 3D acrylic Signboard with backlight LED Rods inculding electrification , fitting complete in all respect as as per approved sample/drawing by the engineer incharge	75.00	P/Sft	1250.00	
116	Providing Mesh office chair complete in all respect (as per approved sample/drawing by the engineer incharge)	8.00	Each	5000.00	
117	Providing 8 seater luxury Sofa with leather poshes, with Diamond, Master or equivalent foam minimum 10 year warranty (as per approved sample/drawing by the engineer incharge)	1.00	P/Job	98990.00	
118	Providing and laying prepolished imported black granite of approved quality 3/4" thick slabs on 9" patti around the building, treads, risers, landing, window sill and TOP of planter including 1:2 base mortar 3/4" thick and matching colour, cement slurry/adhesive as required for fixing & grouting. Complete in all respects as per drawings, specifications and as entire direction/satisfaction by the Engineer.	240.00	P/Sft	610.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
119	Providing and laying laminated wooden floor i/c skirting, including jumbolon sheet of approved quality, jointing material labor charges etc. complete in all respects as per drawings, specifications and as entire direction/satisfaction by the Engineer.	250.00	P/Sft	252.00	
120	Providing and Adjustable Swivel Bar stool counter chair (as per approved sample/drawing by the engineer incharge)	5.00	Each	9590.00	
121	Wood packer Executive Officer chair complete in all respect as per approved sample/drawing by the engineer incharge	6.00	Each	16440.00	
122	Providing Computer Chairs revolving Boss, Pakson International or Equivalent (as per approved sample/drawing by the engineer incharge)	27.00	Each	11700.00	
125	Providing of executive office table 4'x2.5' complete in all respects	4.00	Each	22000.00	
126	Providing wooden computer table size 2'x3' good quality	21.00	Each	14000.00	
128	Providing and fixing wooden partition comprising of laminated board 3/4" thick and wooden frame 3x1x1/2 at 2' C/Cand wooden architectural gola and fixing imported glass 5mm thick as per approved sample by the Engineer incharge	225.00	P/Sft	200.00	
129	P/F handmade ceramic tiles 10mm thick. Best quality, straight or curved, laid with neat white cement, over 3/4" over thick cement sand base plaster 1:4 filling joints with stile joint filling grouts of multi-colors. Cutting tiles where required making holes respects as shown on drawings as directed by the Engineer.	120.00	P/Sft	840.00	
130	P/F aclyric sheets of 6mm for counters, walls etc. with backlight, LED rods, icluding electrification, fitting, complete in all respect as per approved sample/drawing by the engineer in charge.	205.00	P/Sft	1680.00	
131	P/F barrier, que manager, ribbon length of 6feet with 2 stainless steel poles complete with all respect.	5.00	Each	12600.00	
132	P/F sliding, automatic door system, 13 tracking length door machine including 5.5"x7.5" glass door of 12mm, clumps, bolts, locks etc. (1 years machine warrantv).	1.00	Each	217000.00	
133	P/F stylish wooden office conference/meeting table high quality as per approved sample/drawing by the engineer in charge.	1.00	Each	61800.00	
134	P/F aclyric wall art using symbolic material like wood, aclyric and stainless steel work as per approved sample/drawing by the engineer in charge.	150.00	P/Sft	510.00	
135	P/F wooden louvers including fitting, varnish, paint complete in all respect as per approved sample/drawing by the engineer in charge.	125.00	P/Sft	1960.00	
136	P/F LED rope lights including laying, fitting and labour as per approved sample by the Engineer incharge.	110.00	P/Rft	77.00	
137	P/F Hanging light for alumium or glass material complete in all respect as per approved sample by the Engineer incharge.	6.00	Each	7700.00	
138	P/F Bath vanity wood & PVC material & granite or equalant marble top with mirror & mirror led lighting including fitting and labour charges complete in all respects as per approved sample by the Engineer incharge.	2.00	Each	49000.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
139	P/F 3D wallpapers including fixing and labour charges (Korean made) as per approved sample by the Engineer incharge.	250.00	P/Sft	112.00	
140	P/F 8 pieces desk organizer set including pen stand, diary stand, pen jar with clock, slip box, visiting card holder, pin stand, 2 pieces paper weights, table diary of best quality.	7.00	Each	3920.00	
141	P/F electric hand dryer of plastic body with hot and cold system (Siemens) complete in all respect with 1 year warranty. (Germany made)	3.00	Each	10500.00	
142	P/F automatic touch-free soap dispenser with half litre liquid capacity in plastic body (Malaysian made).	3.00	Each	5600.00	
143	P/F fire alarms system including fire alarm system panel, 10 nos of smoke detectors, push bell, manual call point, complete wiring and installation charges as per approved sample by the Engineer incharge.	1.00	Each	105000.00	
144	P/F Indoor High quality Fountain including fixing and labour as per approved sample by the Engineer incharge.	1.00	Each	91000.00	
145	P/F best quality fire extinguisher with wall hanging frame as per approved sample by the Engineer incharge.	6.00	Each	4900.00	
146	P/F Corian multi colour sheet usind for counters,floor,wall etc 12mm thick i/c fitting jointing,bending & labour charges complete with all respects (corian Made) as per approved sample by the Engineer incharge.	154.00	P/Sft	2100.00	
147	P/F Automatic Roller Shutter Grill i/c fitting & Labour charges complete in all respects.	80.00	P/Sft	980.00	
148	P/F stainless steel Railing with i/c s.s rods clumps nut bolts etc and labour complete with all respects as per approved sample by the Engineer incharge.	40.00	P/Rft	952.00	
149	Telephone System				
i	P/F Mini exchange (20 connections) alongwith 20 Telephone sets (Good Quality) complete in all respect	1.00	Each	120000.00	
ii	P/F telephone cable 2 pair complete in all respect	500.00	P/Rft	18.24	
iii	P/F surface mounted telephone outlet point complete in all respect	58.00	P/Rft	187.20	
150	Networking System				
i	P/F main server computer having Quad core XEON processor or equivalent with software installation, complete in all respect	2.00	Each	35250.00	
ii	P/F 16 port networking switch / hub complete in all respect	5.00	Each	2608.00	
iii	P/F junction box / RJ45 outlets complete in all respect	58.00	Each	197.00	
iv	P/F category 6 cable complete in all respect	2047.00	P/Rft	27.66	
v	P/F of Ducts (at wall) complete in all respect	656.00	P/Rft	125.00	
151	Queue Management System, LED Counters, Queue Management system calling software, Queue Management waiting area media box, queue management system control box, Power supply, cabling, Networking, configuration and complete installation.	1.00	Each	315000.00	
152	Providing of Laser Jet Printer HP, Epson, Dell having specs: Print, copy, scan, wireless, 600dpi print resolution, A4,A5,B5 (JIS) printing,18ppm print speed or higher, Auto duplex printing; 150-sheet input tray, monthly duty of 5000 pages or higher, Hi-Speed USB 2.0 & 100Mbit Ethernet 10/100 network, (or equivalent specs) 1 Year Warranty	6.00	Each	32200.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
153	Providing Printer HP, Dell or Equivalent (Functions supported: Print, Copy, Fax, Scan, Duty cycle monthly, letter: Upto 80000 pages or higher, Recommended page volume 750 to 4000 pages or higher, Print speed letter: Upto 38 ppm black or higher, First page out: As fast as 5.6 sec black or lower, Print resolution black :1200dpi or higher, Print technology laser, Printer smart software features, Printer must support auto duplex printing, Scan type/ Technology flat bed with ADF, Scan resolution hardware Upto 1200x1200 dpi: Optical: upto 1200x1200 dpi or higher, Scan speed upto 26 ppm (B&W), upto 21 ppm (color) or higher, Digital sending standard features, Scan to E mail, Scan to network folder, Scanto cloud, Copy resolution black (text and graphics):600x600dpi or higher, Fax memory: 4MB or higher, Standard connectivity, Hi speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet 10/100/1000T network, Wireless 802.11b/g/n & USB, Supported print languages PCL 5 and PCL 6)	2.00	Each	128700.00	
153	Provision of Barcode Generator having specifications: 200MHz 32-bit RISC processor with 8 MB SDRAM, 4MB Flash Memory or Higher Internally Scalable True Type fonts 300-meter ribbon supply on a 1" core (Coated side out) or equivalent Dual-motor gear driven design 5 inch per second print speed or higher USB 2.0 1 Year Warrantv	1.00	Each	70200.00	
155	Provision of Barcode Reader Having specifications: Data Rate (up to 3Mbps) or Higher Battery (1800mAh Lithium ion minimum) or Higher up to 45,000 scans per charge or Higher Scan pattern (Single scan line) Scan Speed (Laser only) 100 scan lines per second or Higher 1-year factory warranty	1.00	Each	46800.00	
156	Providing Fixing of 8-Ports Business Smart Gigabit Swtich Having Specifications: Dlink, Linksys or Equivalent, Gigabit 11Mbps or Higher 16Gbps or Higher 8k or higher, 9k or higher 128 active VLAN or higher, port-based and 802.1q taq-based, VLAN guest VLAN support Dynamic VLAN assignment via Radius server with 802.1x client authentication Built-in Web UI for easy browser-based configuration (HTTP/HTTPS) IEEE 802.3ad LACP, Up to 4 groups with up to 9 ports per group 1 year warranty	1.00	Each	26000.00	
157	Providing Fixing of 6U Rack / Cabinet Having Specifications: 6U Rack/Cabinet wallmount with Lock, Fan, 220V 4-ports PDU	1.00	Each	13500.00	
158	Provision of Computer Nodes/ Points having Specifications: Provision of Computer Nodes/ Points for computers, printers Qty:08, including Client End fullyloaded CAT6 I/O (single shutter) or equivalent. Bidder is responsible to provide and install CAT6 UTP Cable with all accessories. (PVC Pipes/duct, patch cables as per requirements)	1.00	Each	100000.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
159	<p>PROVIDING FIXING / INSTALLATION OF COMPUTER CORE i7 8th GENERATION WITH LED MONITOR 18.5" HAVING FOLLOWING</p> <p>Make Manufacturing and Assembling China/ Singapore / Malaysia or Equivalent Form factor Mini tower Processor INTEL Core i7-8700 or Higher (intel or equivalent)</p> <p>Memory 8GB DDR4 or Higher Hard Disk Capacity 3.5 Inch 1TB 7200RPM Network Cards 1GBE Ethernet with Wireless 802.11 g/n/ac Network Card with Dual Antenna Optical Drive Super Drive DVD RW Graphic & Audio Integrated Keyboard & Mouse Standard Wire Keyboard and Optical Mouse Black Colors Ports Requirements HDMI, Display Port, USB 3.1 & RJ-45</p> <p>LED Monitor 18.5" Specifications Aspect Ratio Widescreen 16:9 Native Resolution 1366 X 768 at 60Hz or Higher Contrast Ratio 1000 or Higher Input Connectors Input Connectors HDMI & Display Port Color Black Power Voltage Power Voltage Required AC 120/230 V (50/60Hz) Warranty Bidder is responsible to provide 03-year comprehensive local warranty including labour and all parts</p> <p>Other Requirements: Offer Product must be ENERGY STAR or equivalent, Vendor / Manufacturer must have certificate of Registration of quality management system to ISO 9001:2015, Vendor / Manufacturer must have environmental management system ISO 14001, Certificate of Registration of Occupational Health and Safety Management system to BS OHSAS 18001:2007</p>	23	Each	128,000.00	
160	<p>Providing Fixing/ Installation of Laptop Core i7 8th Generation having following specifications</p> <p>Make HP DELL Manufacturing and Assembling China/Singapore/ Malaysia or Equivalent Form Factor Laptop Processor 8th Generation Intel Core i7 8550U Processor (Quad core 8M Cache) or better Hard Disk Capacity 1TB 5400RPM SATA hard drive Optical Drive External USB Optical Drive Display 15.6" FHD 1920x1080 Display or equivalent Camera and Microphone Built in camera & microphone</p> <p>Graphic Dedicated Graphic card 2GB or better Wireless Connectivity Dual Band Wireless Adapter 802.11ac Bluetooth LAN Connectivity 10/100/1000 Ethernet</p> <p>Keyboard Backlit Keyboard with number pad (US English) Power Adapter 65W AC adapter or better Battery 3 Cell 42 Whr Battery or better Ports USB 3.0 HDMI Display Port, RJ45, Memory card reader</p> <p>Carrying bag Same brand carrying bag Operating System Windows 10 Professional 64bit English Warranty System 03 years warranty with one year battery warranty Security lock Cable Lock for laptop</p>	7.00	Each	170000.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
161	Providing IP Camera Hikvision, TP link or Equivalent (1/2.8" progressive scan CMOS, Upto 2.0 Megapixel, 2.8mm/4mm/6mm fixed focal lens, Upto 30 m IR range, Dual stream, Digital WDR, 3D DNR, Power over ethernet, IP67, Installation & commissioning including all accessories cabling duct etc will be provided by supplier.)	8.00	Each	17550.00	
162	Providing Network Video Recorder (NVR) Dahua, Hikvision or Equivalent (IP video input: 8 cameras or higher, Third party network cameras supported, Upto 2 Mega pixels resolution recording, Support for upto 1920x1080P resolution with HDMI & VGA output, Outgoing band width : 100Mbps or higher, Incoming band width: 40Mbps or Higher, Interface: 8 independent 10/ 100 Mbps POE Ethernet interfaces, Including surveillance grade Hard Drive 4 TB SATA 6G/s or higher.)	1.00	Each	52650.00	
163	Providing IP Based Fingerprint Access Control ZKTECO I Face 702 or equivalent, Installation and Commissioning including all accessories magnetic lock cabling duct etc will be provided by supplier.) As per satisfaction of engineer in charge.	1.00	Each	48000.00	
164	PROVIDING FIXING OF WIRELESS ACCESS POINT AP HAVING FOLLOWING SPECIFICATIONS Make Sophos, UBIQUITI, CISCO, Manufacturing and Assembling China/ Singapore/ Malaysia or Equivalent Networking Interface 1 x 10/100/1000 Ethernet Port Frequency Dual-Band Antenna, 2.4 GHz and 5 GHz Wi-Fi Standards:802.11 a/b/g/n/ac Max TX Power 24 dBm or higher, BSSID: Up to Four per Radio, Support VLAN Protocol Support VLAN 802.1Q Protocol Wireless Security:WEP, WPA-PSK, WPA-Enterprise Guest Traffic Isolation Supported Support VLAN Protocol 802.1Q Protocol Concurrent Clients 200+ or higher Guest Portal/Hotspot Supported Mounting Wall/Ceiling (Kits Included) Power Method: Passive Power over Ethernet (24V) or Power Supply 24V Warranty 1 -Year Local Supplier Warranty.	3	Each	23,400.00	

S. #	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
165	PROVIDING FIXING OF LED HAVING FOLLOWING SPECIFICATIONS Make SONY, SAMSUNG Manufacturing and Assembling China/ Singapore/ Malaysia or Equivalent Preferred Brand Sony, Samsung, LG or Equivalent Type LED Smart Tv Size 55 Inch Display Type 4K UHD or equivalent Resolution 3840 x 2160 or Higher Contrast Ratio Dynamic Auto Depth Enhancer Yes Sound Dobby Digital Plus or Equivalent Speaker 2 CH (Down Firing w / Bass Reflex) Web Browser Yes HDMI Port Yes Ethernet Yes Wireless Lan builtin Yes Design Type Slim Power Supply AC 100-240V 50/60 Hz or Equivalent Remote Controller with battery Yes Wall Mount support with all accessories Cables Power Cable Warranty 1-Year Warranty with Installation and Commissioning	2	Each	200,070.00	
166	Providing and commissioning HD LED TV 32" Samsung, Sony, LG or Equivalent as approved by the Engineer complete in all respect	3.00	Each	45120.00	
167	Health safety Environment Equipment and its implementation and after completion of work all equipment will be handed over to WASA Safety				
i	Dust masks (25Nos)	25.00	Each	20.00	
ii	Safety shoes (25 Nos)	25.00	Each	1200.00	
iii	Gloves (25 Nos)	25.00	Each	200.00	
iv	First Aid Box (2Nos)	2.00	Each	2000.00	
v	Ear plugs (20Nos)	20.00	Each	30.00	
vi	Safety Helmets (25Nos)	25.00	Each	800.00	
vii	Safety Jackets (25 Nos)	25.00	Each	400.00	
viii	Water Cooler (02 Nos)	2.00	Each	1500.00	
168	Environmental analysis (Pre, during and after construction) at 4 locations				
i	Ambient Air Quality Analysis (Sox, Nox, CO, PM _{2.5} O ₃)	8.00	Each	30000.00	
ii	Noise level Monitoring	18.00	Each	5000.00	
169	Others Provision of Dust bins Reflective Tape Safety Cones Sign Boards Water sprinkling (Lump Sum)	2.00 7.00 7.00 7.00 14.00	Each Each Each Each Each	1200.00 500.00 1000.00 2000.00 5000.00	
Grand Total					

Name of Firm _____

Address _____

Signature _____