

Sr.	Description	Unit	Qty	Rate	Amount
1	Dismantling cement concrete plain 1:2:4 (P 3-1/11)	Cum	60.949	1,027	62,594
2	Dismantling of Brick Work in lime or Cement mortar (P 3-1/9)	cum	49.825	1,587	79,072
3.a	Excavation in hard rock requiring blasting and disposal of excavated material (blasted material) up to 30 m lead (including dressing and leveling to designed section etc. complete)	Cum	8186.494	2,304	18,861,682
3.b	Excavation in shingle or gravel formation and rock not required ballasting undressed lead upto 50 Mtr in dry soil. (P 2-1/4)	Cum	909.61	713	648,551
4a	Ratio 1: 4 :8 (p 5-1/2-d) (Cement concrete plain 1:4:8 i/c placing compacting curring without shuttering (P 5-1/2-d & e))	Cum	271.831	7,709	2,095,545
4b	Ratio 1: 2 : 4 (p 5-1/2-b)	Cum	95.573	10,273	981,821
5	Erection and removal of centring of vertical centing for RCC or PCC work (P 5-5/21).	Sqm	348.707	1,014	353,588
6	Reinforced cement concrete 1:2:4 in roof slab, beams, columns lintal etc i/c all labour material all kind forms mould lifting, mixing, compacting, finishing and curring complete (P 5-2/3 i)	Cum	1598.677	23,192	37,076,516
7	Supplying and fabrication of intermediate grade deformed 40,000 Psi yield for RCC in beam, column and pile caps i/c cutting, bending laying in position making joints i/c cost of bending wire (P 5-3/6-a)	Kg	151874.349	270	41,006,074
8	Brick work in foundation and plinth in cement and mortar Ratio 1:3 (P 6-1/1)	Cum	37.032	13,285	491,970
9	Pacca brick work other than building i/c striking of joints upto 3meter height in 1:3 cement sand mortar (P 6-1/4-ii)	Cum	94.07	13,750	1,293,462
10	Bricks work in ground floor (including striking of joints) in cement sand mortar Ratio 1:3 (P 6-1/2-ii)	Cum	95.866	14,133	1,354,874
11	mm thick cement plaster upto 6.10meter height Ratio 1:3 (P 10-1/4)	Sqm	54.000	386	20,844
12	Providing fixing 90-Lbs M.s Rail i/c anchor of MS flat 40x6mm long 610mm spacing complete in all respect as per drawing (P 23 12/75-a).	Mtr.	20.760	6,925	143,763
13	Damp proof course with (cement sand and shingle concrete 1:2:4) including 2 coats of asphaltic mixture 40mm (P 6-4/25-a)	Sqm	68.503	877	60,077
14	Vertical damp proof course of 20mm thick cement plaster 1:2 with bitumen at 1 kg per sqm (P 6-4/26)	Sqm	46.904	741	34,755
15	P/F G.I 700mm long 50x50x6mm anlgle iron post for barbid wire fence duly fixed in position	No.	66	2,924	192,984
16	P/F GI earth strip 30x 3mm for switch yard fencing famre with allied bolt nuts etc. as per drawing no.PDW/TS-786 (P 20-9/85)	No	28.000	2,924	81,872
17	Providing/fixing Razor wire 460mm (P 20-23 /186)	Mtr	103.200	518	53,457
18	Providingand fixing 04-rows barbed wire fencing around switch yard of G.I barbed wire 14SWG 2 ply 4 points fixed on G.I angle iron 50 x 50 x 6mm posts complete (excluding cost of angle iron post) (P 20-9/81)	Mtr	166.200	394	65,482
19	viding and laying 40mm thick Jambo Lawn sheets on roof (20-23/18)	Sqm	217.230	1,360	295,432
20	Brick tiles 225 x 113 x 38mm laid over 100mm earth & 25mm mud plaster grouted with cement sand 1:3 on top of RCC roof slab provided with .75 kg bitumen coating sand blinded. (P 8-1/2)	Sqm	217.230	1,257	273,058
21	Cement pointing 1:2 flush on roofs. (P 10-1/8)	Sqm	263.510	286	75,363
22	Cutting holes upto 30mm square through stone masonry or brick work in cement mortar for pipes and making good to original condition.(P 13-14/42)	No.	5.000	593	2,965
23	p/laying polythen sheet 0.2 MM thick (P 8-5/26)	Sqm	459.520	686	315,230
24	Providing and fixing steel door with grill work on outer face of the door as per approved design of Engineer Incharge (P 20-3/29)	Sqm	9.396	18,631	175,052
25	Providing and fixing aluminum natural anodized openable hinged window without glazing (P 20-5/46)	Sqm	18.800	9,496	178,524
26	Providing and fixing allumimium natural anodized openable hinged doors without glazed (P20-5/47)	Sqm	5.350	10,387	55,570

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27	Providing and fixing alluminium natural anodized fly screen shutter (P 20-5/48)	Sqm	18.800	3,335	62,698
28	Glazing with plate glass 6mm thick using PVC gasket (P 11-7/41)	Sqm	24.150	2,254	54,434
29	P/F Aluminum door lock single action natural anodized (P 20-5/52)	No.	4	4,532	18,128
30	P/F Aluminum door closer (single action) natural anodized (P20-5/53)	No.	4	7,151	28,604
32	Providing and fixing widow grill with angle iron frame with 10mm sq. iron bars at 75mm centre to centre as per approved design of Engineer Incharge (P 20-4/34)	Sqm	6.225	9,762	60,768
31	Two coats of bitumen laid hot using 1.66 kg per sqm over roof & blinded with sand at 0.003 cum per sqm. (P 8-2/7).	Cum	38.024	460	17,491
33	Providing, preparing surface and applying 3 coats of approved type plastic emulsion paint to plastered surface as per manufacturer specifications (P 12-4/6)	Sqm	132.840	629	83,556
34	Providing and fixing M.S dowel bar of 15mm dia 1.25m long including PVC/wooden sleeves complete as per drawing No.PDW/TV-420 (P 20-7/71).	No.	132.000	435	57,420
35	Expansion joints (P 14-5/32).	Mtr.	106.500	1,322	140,793
36	Mosaic flooring consisting of mosaic topping of one part of cement to two parts of marble chips laid over 25mm thick flooring off 1:2:4 cement concrete including rubbing & polishing complete b) 13mm with grey cement. (P 9-3/14b)	Sqm	142.715	1,984	283,146
37	Mosaic dado or skirting with one part of cement & 2 parts of marble chips laid over 13mm thick cement plaster 1:3 complete with finishing and polishing b) 13mm with grey cement (P 9-5/27-b)	Sqm	512.095	1,805	924,331
38	Supplying and filling sand under floor and plugging into wells (P 6-4/24)	Cum	594.000	1,837	1,091,178
39	Glass Strip for dividing the flooring into Panels.(P9-6/31b)	Mtr.	529	175	92,575
(a)	Providing, lowering & laying into trenches & jointing cement concrete reinforced pipeline to correct alignment & grade including cutting of pipes where necessary cost of jointing material & testing with internal diameter. (P 13-8/23-b & e)150mm dia	Mtr	30	1,331	39,930
(b)	225mm dia	Mtr	40	1,720	68,800
41	Filling watering and ramming earth under floors with surplus earth from foundation (P 2-5/25).	Cum	3638.442	196	713,134
42	Filling, watering, ramming earth under floor with new earth (excavation from outside) lead upto 30m and left upto 1.50m (P 2-5/26).	Cum	66.625	357	23,785
43	Earth work compaction (soft, ordinary or hard soil) (a) laying earth in 150mm layers/leveling, dressing and watering for compaction etc. complete (P 2-3/15-a)	Cum	66.625	67	4,463
44	Supply and spreading of water born gravel of 75mm size (P 7-5/28).	Cum	440.359	2,925	1,288,049
45	Carriage of 3.0 cum or 5 metric tons of all material like earth, slit, sand, stone aggregate spawl, coal, lime, surkhi. Sheets, M.S Bars etc. or 4.25 cum of timber or 3.75 metric tons of fuel wood by truck or any other means lead upto 3 K.M (P 1-1/1)	Cum	120.258	277	33,311
(a)	Three way(P20-7/66). (Providing and fixing cable tray M.S angle iron including i/c anchor bolts fixing in cable trenches.)	No.	90	5,225	470,250
(b)	One way (P 20-7/66).	No.	185	1,816	335,960
47	Providing and fixing 15mm dia bar fan clamps suitable for RCC roof slab (P 20-7/64)	No.	8.000	354	2,832
48	Wiring main with 2-1/1.78 (7/029) PVC insulated wire 19.1mm 16 SWG (1.62 mm) thick steel conduit fitted on surface including accessories. ((P 21-5/3)	Mtr.	210.000	356	74,760
49	Wiring main with 2-1/7/0.85 (7/036) PVC insulated wire in 19.1mm 16 SWG (1.62mm) thick steel conduit fitted on surface including accessories. (P 21-6/4)	Mtr.	50.000	408	20,400

Sr.	Description	Unit	Qty	Rate	Amount
50	Wiring main with 2-1/7/1.35 (7/052) PVC insulated wire in 25.4mm 16 SWG (1.62mm) thick steel conduit fitted on surface including accessories. (P 21-6/6)	Mtr.	50.000	639	31,950
51	Wiring for light or fan points with 1/1.13mm (3.029) PVC insulated wire in 19.1mm dia 16 SWG (1.62mm) thick steel conduit on surface complete with switch, holder/ceiling rose and plastic plate for switch, regulator/dimmer upto 10 meter. (P 21-1/1)	No.	42	2,921	122,682
52	Wiring 2 pin plug control point with 1/1.13 (3.029) PVC insulated wire on switch board including plug & switch (P 21-2/9)	No.	2	323	646
53	Wiring 3/5 pin 5 Amp wall socket point with 1/1.13 (3.029) PVC insulated conductor and 2.5mm PVC insulated 19.1mm dia 16 S.W.G (1.62mm) on surface complete with switch socket combined (concealed) (P 21-2/8)	No.	2	3,392	6,784
54	Providing and fixing flush type 3 pin 15 Amp S.P plug socket switch (combined) as replacement complete with board (P 21-25/22).	No.	1	306	306
55	Providing and fixing of distribution board three phase 60 Amps 400 Volts 3 way per phase with 01 i/c circuit breaker 30 Amp tp and outgoing breaker 6.30 Amps complete with N Link in wall recessed (for street lights) (P 21-33/17)	No.	2	26,381	52,762
56	P/F of Distribution board Single phase 60 Amps 250 volts 8 way per phase with 01 No.incoming circuit breaker 60 Amps 250 Volts of outgoing breaker SP 6.3 Amps complete with volt meter,selector switch and phase indicator lights and Nlink on given board (for tube well) (P 21-33/16)	No.	1	19,115	19,115
i.	Providing, lowering & laying into trenches, jointing and testing PVC class 'D' pipe line with specials internal dia (P 13-7/21-b&c)75mm dia	Mtr	30.000	2,364	70,920
ii.	100mm dia	Mtr	30.000	2,461	73,830
58	P/F M.S plate 14 SWG 600mm square trench cover in control room (P 20-8/73)).	Mtr.	12.200	10,020	122,244
59	Vinyl floor tiles laid with adhesive 300x300x5mm size on firm foundation. (P 9-5/28)	Sqm	15.530	1,826	28,357
60	Providing and fixing platform of 40x5mm GI strp flat and batton or GI tee iron 50x100x5mm, 1.75m long fixed in position complete in all respects as per drawing No.PDW/TB-626. (P 20-7/72)	Sqm	59.295	34,862	2,067,142
61	Providing and erection of ceiling fan best quality including wiring down rod with insulated wire (3/0.29) PVC wire framed with regulator canopy laying rock at complete etc.c) 56 sweep (P 21-29/11-c)	No.	8	6,654	53,232
62	Providing and erection of butterfly shutter for 457mm (18") sweep exhaust fan complete (P 21-30/18)	No.	5	323	1,615
63	Supply and erection of 457mm (18") sweep including wiring with (3.029) PVC wiring fixing complete etc. as required (P 21-30/12)	No.	5	5,196	25,980
64	Providing/laying and connecting hard drawn bare copper wire 3.2 mm (14SWG) as earth continuity conductor with any given main or submain in all system of wiring ((P 21-21/155).	Sqm	30	24	720
65	Cast iron rain water down pipe fixed in place excluding heads and shoes but including clamps etc. 100mm dia (P 8-3/11-a)	Mtr.	22	3,318	72,996
66	Rain water down cast iron heads fixed in place including cost of clamps hold fast and painting 100mm dia (P 8-3/12 a)	No.	5	1,425	7,125
67	Shoes bands offsets for cast iron rain water down pipe i/c fixing and painting (P 8-3/13)	No.	11	1,587	17,457
68	Leveling and Dressing and making lawns (P 20-18/123)	Sqm	2546.000	76	193,496
69	Jungle Clearance and removing with 30m. (P 20-1/3-b)	Sqm	2800.000	4	11,200
70	Boring for tubewells in all water bearing soils from ground level to 30 meter depth including sinking & with-drawing of casing pipe with internal diameter 150mm (P 13-1/1-d)	Mtr.	60.000	3,077	184,620

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71	Boring for tubewells in all water bearing soils from ground level to 60 meter depth including sinking & with-drawing of casing pipe with internal diameter 150mm (P 13-1/2-c)	Mtr.	60.000	4,661	279,660
72	Weather shield paint three coats on new cement plaster surface. (P 10-3/24)	Mtr.	644.981	358	230,903
73	P/F water geyser 114 Ltr.(25 Gallons)capacity.(P20-19/145)	No.	1.000	19,333	19,333
74	P/F S/Y/Fence frame of G.I angle iron with wire netting complete as per drawing.	Sqm	90.625	4,730	428656
75	P/F of M.S channels 40x70mm & 305mm long i/c grouting anchor bolts (N.S)	No.	10.000	180	1800
76	Applying 03 coats of chlorinated acid resisting paint any color on plaster surface.	Sqm	50.398	160	8063
77	P/F of fluorescent tube light approved 1x40 watts with startar-choke-patti etc complete)	No.	20.000	558	11160
78	S/E of double cone bracket with water tight reflector	No.	5.000	134	670
79	providing & fixing of RCC pre-stressed trench cover	Sqm	263.300	3,696	973156
80	Providing fixing erection graden light switch yard poles 14feet height different size of G.I pole 4 inch dia 8feet long, 3 inch dia 4 feet long and 2 inch dia 2feet long, duly fabricated welded cutting, finishing and painting complete foundation	No.	16	22,000	352000
81	Providing and fixing in position 30 Amp 500 watts 3 phase 4 pin power socket outlet wather proof (CEC make)	No.	4	6,265	25060
82	P/Fixing AC flood light fitting alongwith 100watt best quality fittings complete in all respect.	No.	7	25,000	175000
83	P/Fixing DC flood light fitting alongwith 500watt incandescent lamp according to Philips category No.QKE-500 watts (.DC flood light) fitting complete in all respect.	No.	2	28,000	56000
84	Post top lantern 4250mm high with mercury lamp 250volt 125 Watts (HPL-125) ratting according to Phillips at No.H/SPQ-545.	No.	20	24,000	480000
85	Providing/Fixing mercury lamp holder, shade etc. complete.	No.	6	15,250	91500
86	Earthing pit/bore arrangement for Power Transformers & 11kV incoming panels complete including copper plate size 2`x2`x 1/2` & other material depth upto 20`	Job	4	140,000	560000
87	Providing/fixing louvers of aluminum anodized on windows of control room i/c complete fittings.	Sqm	37.600	7,000	263200
88	Providing and fixing 1.5 ton A.C split unit GREE or equivalent (Invertors) complete in all respect.	No.	3	215,000	645000
89	Providing/installation of 1 H.P motor complete in all respect for draw pit for disposal of water.	Job	1	75,000	75000
90	From boring to under ground water (Providing/laying installation of water pump to lift the water to CHB roof or head tank on roofing the source complete in all respects along with wire lead connect plug brackets etc.)	Job	1	75,000	75000
91	Providing of Fire Fighting Equipments (02 No. Chemical foam 10 gallons trolley mounted with equivalent number of re-fills, 04 Set Sand container with shovel (45 gallons), 06 Set Six fire buckets with stand consisting 4-stand & 24 buckets, 05 Nonchemical foam (02 gallons) with equivalent number of re-fills (10 liters), 02 No. CO2 trolley mounted twin cylinder of 20Kg each) as per standard specification of WAPDA/IESCO	Job	1	340,000	340000
92	Providing of Furniture (06 No. office chair, 01 No. office table, 01 No. side rack, 01 No. steel amirah, 01 No. wall clock, 01 No. stool & 01 No. notice board) as per standard specification of WAPDA/IESCO.	Job	1	190,000	190000
93	Providing of Grid T&P (01 No. Blower China, 01 No. screw wranch 10", 01 No. screw wranch 8", 01 No. plier size 8", 01 No. wire cutter 6", 01 No. noze plier, 01 No. drill machine 1/2 H.P, 01 set box spanner set, 01 set screw driver set, 01 set D spanner set, 01 No. avo meter, 01 set ring spanner set & 01 No. first aid box with material) as per standard specification of WAPDA/IESCO.	Job	1	165,000	165000

Sr.	Description	Unit	Qty	Rate	Amount
94	Providing/installation of Lightening protection with copper strip size 20x2mm along with 20mm dia copper rod on the top of parapet wall of control house building & link the same with earthing mesh at four points complete as per drawing.	Job	1	1,079,557	1079557
95	Fixing of earthrod upto 10ft depth for earthing mash in switch yard	No.	80	10,000	800000
96	Painting of Power Transformer	Job	2	150,000	300000
97	Shifting of Power Transformer with all accessories including loading/unloading from Store to Fatehpur G/S Transformer Plinth	Job	2	1,600,000	3200000
98	Providing of Manual cell/mobile phone for communication of grid station operational staff	No.	1	65,000	65000
99	Providing of Heavy Duty Drill Machine with all allied accessories	No.	1	87,000	87000
100	Providing of Tents size 16'x18' as per IESCO specification.	No.	10	45,000	450000
102	Water quality monitoring/management/testing/analysis (Before Mobilization, During works execution & After completion) Parameters, PH, Electric Conductivity, color, taste, odor, turbidity, TDS, TSS, Total hardness, chloride (Cl), Arsenic, Cadmium, Sulphate, Copper (Cu), Sodium (Na), Calcium (Ca), Mangnaseium, Potassium, Nickle, Lead (Pb), Carbonate, Bicarbonate, Iron (Fe), Nitrate, Zinc (Zn), Aluminium (Al), Flouride (F), Chromium (Cr), Manganese (Mn) Total Coliform, E Coliform, E coli, Fecal Coliform	Test (No.)	4	8,000	32000
103	Air quality monoriting/testing (Before Mobilization During works execution & After completion)Parameters, Ambient, Air, Work Site, PM2.5, PM10, Dust, Lead, Sox, Nox, CO	Test (No.)	4	24,000	96000
104	Noise monitoring/analysis/measurement/management (One job/month) Parameteres Offices/Control room, Working Site area	Test (No.)	4	2,500	10000
105	Other environmental & social mitigation measures (Demarcation of work area, SSEMP, First Aid Box, Fire Fighting Equipments, Proper Storage of Oil and Lubricant, Awareness Proper Storage of Oil and Lubricants, PPEs	Job	1	250,000	250000
106	Soild waste & waste water management, safe storage/placement of raw materials.	Job	1	8,000	8000
107	Tree Planatation (5'-7' Height) Local/Indiginous fruit trees.	No.	500	350	175000
	Total				127,484,870
	%age Above/ below				
	Total				
	Please add 16% PST as Provincial Sales Tax as statutory charges				
	Grand Total				
	The above same BOQ must be signed and stamp by the bidder & should not be altered otherwise the bid will be rejected:_____				