

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

**SUMMARY OF BID PRICE
(Block -A)**

S-No	Description			Total Cost (Rs.)
1	CONSTRUCTION OF SEWERAGE SYSTEM, WATER SUPPLY SYSTEM (DISTRIBUTION NETWORK), OVER HEAD RESERVOIR (100000 GALLON CAPACITY), 2 NOS TUBEWELLS WITH PUMPING CHAMBERS, DRAINAGE, PROTECTION WORK, BOX / PIPE CULVERTS & MAIN ENTRANCE GATE.			501,009,720.86
	% age (Above/Below)	In Figure		
		In Word		
	TOTAL BID AMOUNT QUOTED			

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

**SUMMARY OF COST
(Block -A)**

S-No	Description	Total Cost (Rs.)
1	SEWERAGE SYSTEM	119,124,344.80
2	WATER SUPPLY / DISTRIBUTION SYSTEM	51,526,400.40
3	OVER HEAD WATER TANK 1 No (100000) GALLON)	24,659,574.59
4	2 NOS TUBEWELLS WITH PUMPING CHAMBERS	11,195,652.70
5	DRAINAGE, PROTECTION WORK , BOX / PIPE CULVERTS	286,790,953.90
6	MAIN ENTRANCE GATE	7,712,794.47
TOTAL COST		501,009,720.86
TOTAL COST IN MILLIONS		501.01

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

SEWERAGE SYSTEM (Block -A)

S.No	MRS-2017	Description	Unit	Quantity	Rate (Rs)	Amount (Rs.)
1	03-44-a	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2m or as per direction of the Consultant/Engineer Incharge	Cft	2839137.52	5.06	14371714.10
2	03-44-b	Excavation in open cut for sewers & manhole except shingle, gravel & rock : Upto 2 to 5 m or as per direction of the Consultant/Engineer Incharge	Cft	20000.00	6.75	135000.00
3	03-44-c	Excavation in open cut for sewers & manhole except shingle, gravel & rock : below 5 m or as per direction of the Consultant/Engineer Incharge	Cft	5000.00	9.00	45000.00
4	03-60-c	Structural backfill using Common Material available at site.or as per direction of the Consultant/Engineer Incharge	Cft	200000.00	12.52	2504600.00
5	03-14-a	Rehandling of earthwork Lead upto a single throw of kassi,shovel, phaorah .or as per direction of the Consultant/Engineer Incharge	Cft	2572268.79	1.41	3617252.99
6	03-16-a	Filling, watering and ramming earth under floor with surplus earth from foundation, etc .or as per direction of the Consultant/Engineer Incharge.	Cft	2572268.79	2.93	7523886.21
7	03-27-b	Compaction of earth with power road roller 90% max mod. AASHTO dry density .or as per direction of the Consultant/Engineer Incharge	Cft	20000.00	5.61	112100.40
8	23-01-c	Providing and Laying 9" RCC pipe , moulded with cement concrete 1:1.5:3, including cost of reinforcement, testing etcor as per direction of the Consultant/Engineer Incharge	Rft	53768.36	385.34	20719099.84
9	23-03-a-01	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II : 12" i/d, Wall B or as per direction of the Consultant/Engineer Incharge.	Rft	9016.66	664.18	5988685.24
10	23-03-a-02	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II 15" i/d, Wall B or as per direction of the Consultant/Engineer Incharge.	Rft	1170.24	833.56	975465.25
11	23-03-a-03	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II 18" i/d, Wall B or as per direction of the Consultant/Engineer Incharge.	Rft	2557.14	958.65	2451402.26
12	23-03-a-04	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II 21" i/d, Wall B or as per direction of the Consultant/Engineer Incharge.	Rft	1100.00	1088.95	1197845.00
13	23-03-a-05	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II 24" i/d, Wall B or as per direction of the Consultant/Engineer Incharge.	Rft	118.00	1312.08	154825.44
14	23-03-a-07	Providing and Laying RCC pipe sewers complete As per ASTM C-76-79, Class II 30" i/d, Wall B or as per direction of the Consultant/Engineer Incharge.	Rft	132.77	2035.23	270217.49
15	06-05-i	Plain Cement Concrete including placing, compacting,finishing & curing (Ratio 1:4:8) as per direction of the Consultant/Engineer Incharge.	Cft	12612.47	155.21	1957541.14

Note: Any item Missing in B.O.Q Will be Referred to MRS 2017 /Detail Cost Estimate As per Quoted Premium.

16	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6) as per direction of the Consultant/Engineer Incharge.	Cft	344.29	178.46	61441.23
17	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) as per direction of the Consultant/Engineer Incharge.	Cft	35668.66	205.52	7330623.83
18	06-06-a-03	RCC in roof slab , beam, column & other structural members, insitu or precast. Type C (1:2:4) as per direction of the Consultant/Engineer Incharge.	Cft	3237.47	270.09	874418.90
19	07-07-a-03	Pacca brick work other than building upto 10 ft. height : Cement, sand mortar 1:4	Cft	111896.76	239.11	26755635.18
20	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick or as per direction of the Consultant/Engineer Incharge.	Sft	179520.01	20.24	3633664.55
21	13-10-b	Bitumen coating to plastered / cement concrete surface : 14 lbs. per 100 sft. or as per direction of the Consultant/Engineer Incharge.	Sft	56154.00	19.88	1116397.67
22	.03-43	Supplying clean and screened river or pit sand within 150m including removal of loose earth or overburden.	Cft	322986.99	20.25	6540486.55
23	06-07-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40) or as per direction of the Consultant/Engineer Incharge.	Tonne	15.00	107564.41	1613466.15
24	23-08-b	RCC manhole cover 22" dia with: 3"x3"x1/4" angle iron frame, 22" i/d complete as per direction of the Consultant/Engineer Incharge.	SET	600.86	15267.50	9173575.39
TOTAL COST RS						119124344.80

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**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES						
WATER SUPPLY / DISTRIBUTION SYSTEM						
S-No	MRS 2017	Description	Unit	Quantity	Rate (Rs)	Total Amount (Rs)
WATER SUPPLY SYSTEM						
1	03-46	Excavation of trench in all kinds of soils except cutting in rock for pipelines upto 1.5m depth	Cft	498,759.56	4.22	2,104,141.87
2	03-14-a	Rehandling of earthwork Lead upto a single throw of kassi,shovel, phaorah	Cft	400,000.00	1.41	562,500.00
3	06-05-i	Plain Cement Concrete including placing, compacting,finishing & curing (Ratio 1:4:8) as per direction of the Consultant/Engineer Incharge.	Cft	1330.56	155.21	206,511.96
4	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) as per direction of the Consultant/Engineer Incharge.	Cft	445.28	205.52	91,513.95
5	07-07-a-03	Pacca brick work other than building upto 10 ft. height :Cement, sand mortar 1:4	Cft	3960.00	239.11	946,875.60
6	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick or as per direction of the Consultant/Engineer Incharge.	Sft	4224.00	20.24	85,497.98
7	06-06-a-03	RCC in roof slab , beam, column & other structural members, insitu or precast. Type C (1:2:4) as per direction of the Consultant/Engineer Incharge.	Cft	587.84	270.09	158,771.88
8	06-07-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40) or as per direction of the Consultant/Engineer Incharge.	Tonne	2.88	107564.41	309,338.03
9	03-26-b-02	Compaction by rolling with animal driven roller or hand rammed : Ordinary soil	Cft	103,765.00	1.41	145,919.53
10	NSI	Saddles 3" X (1" to 2")	NO	700	825	577,500.00
11	NSI	Saddles 4" X (1" to 2")	NO	200	1095.6	219,120.00
12	NSI	Saddles 6" X (1" to 2")	NO	100	1760	176,000.00
13	24-30-a-02	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (25mm dia)	Rft.	5,000.00	37.77	188,850.00
14	24-30-a-04	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (40mm dia)	Rft	6000	65.52	393,120.00
15	24-30-a-05	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (50mm dia)	Rft	12000	82.6	991,200.00
16	24-30-a-06	Providing and laying HDPE pipe din -8074/Din-8075/ISO-4427 including testing and disinfect complete (75 mm dia) or as per direction of the Consultant/Engineer Incharge.	RFT	30,214.33	111.88	3,380,379.24
17	24-30-a-07	Providing and Fixing HDPE pipe din -8074/Din-8075/ISO-4427 including testing and disinfect complete (110 mm dia) or as per direction of the Consultant/Engineer Incharge.	RFT	8,875.00	200.14	1,776,242.50

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18	NSI	Providing and Fixing HDPE pipe din -8074/Din-8075/ISO-4427 including testing and disinfect complete (160 mm dia) or as per direction of the Consultant/Engineer Incharge.	RFT	17,510.00	540.00	9,455,400.00
19	.03-43	Supplying clean and screened river or pit sand within 150m including removal of loose earth or overburden.	cft	127,348.67	20.25	2,578,810.62
20	07-07-a-03	Pacca brick work other than building upto 10 ft. height :Cement, sand mortar 1:4	Cft	18,600.00	239.11	4,447,446.00
21	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick or as per direction of the Consultant/Engineer Incharge.	sft	39,700.00	20.24	803,528.00
22	06-06-a-03	RCC in roof slab , beam, column & other structural members, insitu or precast. Type C (1:2:4) or as per direction of the Consultant/Engineer Incharge.	cft	7,300.00	270.09	1,971,657.00
23	06-07-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40) or as per direction of the Consultant/Engineer Incharge.	ton	18.00	107,564.41	1,936,159.38
24	23-07	Providing and Fixing 3" thick RCC manhole cover , 22" dia with tee shaped CI frame of 20" clear i/d complete	set	175.00	6,175.76	1,080,758.00
25		Providing and fixing sluice valve of B.S.S. quality and weight, Class 'B' , including cost of jointing material and all fittings as per drawings, specifications and as directed by the Engineer.				
26	24-22-a	3" Dia	No.	48.00	9,138.81	438,662.88
27	24-22-b	4" Dia	No.	37.00	10,480.81	387,789.97
28	24-22-c	6" Dia	No.	29.00	15,557.50	451,167.50
29	23-01-c	Providing and laying R.C.C. pipe sewers , moulded with cement concrete conforming to ASTM Specification Class II. Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete. 9" Dia .	Rft	3,700.00	385.34	1,425,758.00
30	24-30-b-06	Providing and installing HDPE Socket 75mm dia	Each	400.00	1,496.52	598,608.00
31	24-30-b-07	Providing and installing HDPE Socket 110mm dia	Each	400.00	5,013.59	2,005,436.00
32	24-30-c-06	Providing and installing HDPE Tee 75mm dia	Each	400.00	2,699.63	1,079,852.00
33	24-30-c-07	Providing and installing HDPE Tee 110mm dia	Each	400.00	8,113.50	3,245,400.00
34	24-30-d-06	Providing and installing HDPE bend 75mm dia	Each	400.00	2,030.39	812,156.00
35	24-30-d-07	Providing and installing HDPE bend 110mm dia	Each	400.00	5,377.13	2,150,852.00
36	24-30-e-06	Providing and installing HDPE adaptor 75mm	Each	400.00	1,132.91	453,164.00
37	24-30-e-07	Providing and installing HDPE adaptor 110mm	Each	400.00	3,176.56	1,270,624.00
38	NSI	Providing and installing HDPE Socket 160mm dia	Each	100.00	6,120.00	612,000.00
39	NSI	Providing and installing HDPE Tee 160mm dia	Each	100.00	9,020.00	902,000.00
40	NSI	Providing and installing HDPE bend 160mm dia	Each	100.00	5,940.00	594,000.00
41	NSI	Providing and installing HDPE adaptor 160mm	Each	100.00	3,432.00	343,200.00
42	24-24-b	Providing and Fixing air valve 2«" i/d of BSS quality and weight complete with jointing material : Double	NO	10.00	8,330.25	83,302.50
43	24-23	Providing and Fixing fire hydrants BSS quality and weight of 2.5" dia (including cost of jointing material)	NO	8.00	10,648.25	85,186.00
TOTAL RS						51,526,400.40

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PRIVANCIAL HOUSING AUTHORITY KPK
PROJECT JALOZAI HOUSING SCHEME DISTRICT NOWSHERA.

OVER HEAD WATER TANK 01 NO (100000 GALLONS)

S.N o.	ITEM COD.	Description	Unit	Quantity	MRS 2017 Rate (Rs)	Amount (Rs)
1	03-23-b	Excavation in foundation of building, bridges etc complete: in ordinary soil or as per direction of the Consultant/Engineer Incharge.	CFT	25,000.00	6.08	152,000.00
3	06-05-i	Plain Cement Concrete including placing, compacting, finishing & Curing (1:4:8)	CFT	1,500.00	155.21	232,815.00
4	06-07-c	Supply and fabrication of Mild steel reinforcement Grade-40 for cement concrete, including cutting, bending, laying in position, making joint and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement.	Tonne	15.00	107564.41	1,613,466.15
5	06-07-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	84.50	111598.88	9,430,105.36
6	06-06-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc,not including in 06-06 Type B (1:2:4)	CFT	10,000.00	235.90	2,359,000.00
7	06-06-a-02	RCC in roof slab, base Beam, column & other structural members in situ or pre cast , (1:1.5:3) in ground and 1st floor	Cft	3,000.00	299.06	897,180.00
8	06-06-a-02+06-06-e	Providing laying RCC (1:1.5:3) on 2nd floor	CFT	1,500.00	322.97	484,455.00
9	(06-06-a-02+06-06-e) X 2	Providing laying RCC (1:1.5:3) on 3rd floor	CFT	1,500.00	346.88	520,320.00
10	(06-06-a-02+06-06-e) X 3	Providing laying RCC (1:1.5:3) on 4th floor	CFT	1,500.00	370.79	556,185.00
11	(06-06-a-02+06-06-e) X 4	Providing laying RCC (1:1.5:3) on 5th floor	CFT	1,500.00	394.70	592,050.00
11	(06-06-a-02+06-06-e) X 5	Providing laying RCC (1:1.5:3) on 6th floor	CFT	7,000.00	418.60	2,930,200.00
12	25-33	Providing and Fixing terrace railing of 2" i/d conduit pipe 16 SWG welded with 5/8"x5/8" sq bar 2.75' high complete	Sft	1,000.00	313.03	313,030.00
13	03-60-C	Structural backfill in layers using Common Material available at site Including Compaction	CFT	25,000.00	12.52	313,000.00
14	10-09.	Brick on edge flooring , laid in 1:6 c/s mortar , over a bed of 3/4" thick cement mortar 1:6	SFT	2,240.00	95.80	214,592.00
15	25-47-a	Providing and fixing steel windows using M.S. sheet (16 SWG) moulded tubular pipe 1-1/2" x 1-1/2" for frame and 1-1/4" x 1-1/4" for leaves included M.S square bars 1/4" x 1/4" welded around each panel of frame, 5mm thick glass panes fixed with double M.S	SFT	180.00	502.99	90,538.20
16	25-47-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	SFT	74.00	678.33	50,196.42
17	24-31-e	S/H/J G.I. Flanged Pipe 8" i/d 5mm thick	Rft.	400.00	4030.43	1,612,172.00
18	24-31-f	S/H/J G.I. Flanged Pipe 6" i/d 5mm thick	Rft.	100.00	1558.82	155,882.00
19	24-31-g	S/H/J G.I. Flanged Pipe 4" i/d 5mm thick	Rft.	200.00	892.81	178,562.00
20	24-22-b	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 4" i/d	Each	2.00	10480.81	20,961.62
21	24-22-c	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 6" i/d	Each	2.00	15557.57	31,115.14
22	24-22-d	Providing and Fixing sluice valve of BSS quality weight for GI & PVC pipe line including jointing material : 8" i/d	Each	2.00	28169.88	56,339.76
23	11-10-a +11-28 X 5	Cement sand plaster 3/8" thick under soffit of RCC roof Slabs up to 20' Height (1:2)	Sft	5,300.00	31.66	167,798.00
24	10-40-a-01	Mosaic dado or skirting complete as per specs Using grey cement : 3/8" thick	Sft	5,300.00	87.31	462,743.00

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25	24-19-c-01	Providing and fixing CI Air vent pipes	KG	50.00	213.65	10,682.50
26	25-10+25-11	Fabrication of heavy steel work with angle, tees, sheet iron etc for making trusses, girders etc	Tonne	4.00	147070.22	588,280.88
27	24-40	Supplying and Fixing PVC Water Stopper 8" wide 3/8" thick	Rft.	150.00	134.35	20,152.50
28	07-07-a-03	Pacca brick work other than building upto 10 ft. height :Cement, sand mortar 1:4	Cft	270.00	239.12	64,562.40
29	11-09-b	Cement Sand Plaster (1:4) Up to 20' Height 1/2" Thick	Sft	288.00	20.24	5,829.12
30	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	Cft	24.30	205.52	4,994.14
31	13-10-b	Bitumen coating to plastered / cement concrete surface : 14 lbs. per 100 sft. or as per direction of the Consultant/Engineer Incharge.	Sft	3500.00	19.88	69,580.00
32	24-34	Supplying and Fixing flat iron (2"x3/8") ladder for OHR,holes @ 15" c/c , steps of MS bars 5/8" i/d & paint compl	Rft.	240.00	586.61	140,786.40
33	NSI	Providing and fixing level indicator as per drawing complete in all respect and /or directed by the Engineer.	No.	1.00	40000.00	40,000.00
34	NSI	Providing and fixing lightning arrester and copper earth strips including all other accessories necessary to complete the work and all respect as per drawing and/or directed by the Engineer.	No.	2.00	140000.00	280,000.00
Sub - Total Cost for Over head Tank - 01 No						24,659,574.59

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**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

BLOCK A

TUBE WELL WITH PUMPING CHAMBER

S-No	MRS-Ref 2017	Description	Unit	Quantity	Rate (Rs)	Total Amount (Rs)
A-TUBE WELL						
1	24-41	Conducting Elec: Resistivity survey of the area and furnishing its reports.	Job	2	31,479.25	62,958.50
2	24-01	Mobilization of plant, equipment and camping arrangements etc & demobilization after completion or as per direction of the Consultant/Engineer Incharge	Job	2	30,256.00	60,512.00
3	24-03-a-1	Rotary drilling except in shingle, gravel & rock From ground to 250' below ground : 5"-18" i/d or as per direction of the Consultant/Engineer Incharge	Rft	662.76	1,098.00	727,712.68
4	24-04-a-1	Boring for tubewell in shingle, gravel & rock From ground to 200' below ground : 12"-18" i/d or as per direction of the Consultant/Engineer Incharge	Rft	196.80	2,745.00	540,216.00
5	24-03-b-1	Rotary drilling except in shingle, gravel & rock Exceeding 250' below ground : 5"-18" i/d or as per direction of the Consultant/Engineer Incharge or as per direction of the Consultant/Engineer Incharge	Rft	301.76	1,372.50	414,165.60
6	24-04-b-1	Boring for tubewell in shingle, gravel & rock From ground to 200' below ground : 20"-26" i/d or as per direction of the Consultant/Engineer Incharge or as per direction of the Consultant/Engineer Incharge	Rft	196.80	3,436.74	676,350.43
7	24-12-c-03	Providing and installing PVC blind pipe in tubewell with strainer BSS Class 'D' working pressure : 10" i/d	Rft	859.62	1,905.94	1,638,387.95
8	24-09-c-03	Providing and installing PVC strainer , in tubewell borehole comp. BSS Class 'D' working pressure : 10" i/d	Rft	721.60	1,413.80	1,020,198.08
9	24-08-c	Providing and installing MS bail plug in tubewell bore hole 10" i/d, 2 ft. long	job	2.00	19,188.52	38,377.04
10	24-14	Shrouding with graded pack gravel 3/8" to 1/8" around tubewell in bore hole as per direction of the Consultant/Engineer Incharge	Rft	859.62	463.84	398,727.07
11	24-13-b	Test & develop tubewell of size 6" i/d & above continuously : Over 1.5 cusecs discharge with DNT unit as per direction of the Consultant/Engineer Incharge	hour	262.00	850.34	222,789.08
12	24-06	Furnishing sample of water from bore hole as per direction of the Consultant/Engineer Incharge	set	6.00	2,542.80	15,256.80
13	24-36-a	Supplying and Fixing MS Cap of 3/16" thick sheet : 10" i/d as per direction of the Consultant/Engineer Incharge	No	2.00	1,482.00	2,964.00
14	24-39-d	Supplying and Fixing MS Suspension Clamp 3/8" thick for housing pipe : 10" i/d as per direction of the Consultant/Engineer Incharge	No	2.00	1,583.50	3,167.00

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**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

BLOCK A

TUBE WELL WITH PUMPING CHAMBER

S-No	MRS-Ref 2017	Description	Unit	Quantity	Rate (Rs)	Total Amount (Rs)
15	24-42	Logging of bore hole with electrical equipment and furnishing reports as per direction of the Consultant/Engineer Incharge	Job	2.00	22,427.50	44,855.00
16	24-43	Providing and lowering pezu meter 1.25" GI pipe including all accessories or as per direction of the Consultant/Engineer Incharge	Rft	997.42	193.21	192,712.29
Total Cost RS						6,059,349.52

NON SCHEDULE ITEMS

B-PUMPING MACHINERY

C.17	NSI	Providing & Installation of SUBMERSIBLE PUMPING MACHINERY of Required Horse Power (20 to 30 HP after Development of T/Well Discharge & Total Head) i/c MCU and all allied Accessories, Commissioning, Testing etc as per Direction of the Engineer Incharge.	Each	2.00	1,200,000.00	2,400,000.00
Total Cost RS						2,400,000.00

C-PUMPING CHAMBER

i- Sub Head Civil Work

PUMP HOUSE

S.No.	Ref.:	Items	Unit	Quantity	Rate	Amount
SCHEDULE ITEMS						
1	.03-56	Clearance of site	SFT	1600	2.16	3,456.00
2	.03-23-b	Excavation	CFT	3105	6.08	18,862.88
3	06-05-i	P.C.C (1:4:8)	CFT	614.63	155.20	95,390.58
4	07-04-a-03	Brick Work in foundation (1:4)	CFT	638.9	228.03	145,688.37
5	06-22-b-02	D.P.C 2" THICK OF PCC 1:2:4,	SFT	122.34	66.84	8,177.21
6	07-05-a-03	BBW IN Ground Floor in cement Sand Mortar 1:4	CFT	949.5	244.17	231,839.42
7	06-06-a-03	Providing & Laying R.C.C (1:2:4) in Slabs Beam ETC	CFT	349.25	270.09	94,328.93
8	06-07-c	Providing & Laying Steel Reinforcement G-40	M.T	1.98	107,564.41	212,977.53
9	.3-43	SAND FILLING	CFT	429	20.25	8,687.25
10	10-21-a	TERRAZO FLOORING 1.375" Thick	SFT	429	105.69	45,341.01
11	10-40-a-02	TERRAZZO SKIRTING 1/2" Thick	SFT	82.5	92.83	7,658.48
12	11-09-b	1/2" THICK PLASTER 1:4 ON WALLS	SFT	1796.81	20.24	36,367.43
13	11-18-b	Struck Joint Cement Pointing (1:3)	SFT	796.5	21.16	16,852.35
14	11-25-a-03	WHITE WASHING 3 Coats	SFT	2049.81	3.81	7,809.78
15	25-47-a	STEEL DOOR Including Painting	SFT	126	502.99	63,376.74
16	25-39-b-o2	STEEL WINDOWS Including Painting	SFT	76.5	780.93	59,741.15
17	09-01+09-34-b	ROOF INSULATION	SFT	552.56	345.45	190,881.85

Note: Any item Missing in B.O.Q Will be Referred to MRS 2017 / Detail Cost Estimate As per Quoted Premium.

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

BLOCK A

TUBE WELL WITH PUMPING CHAMBER

S-No	MRS-Ref 2017	Description	Unit	Quantiy	Rate (Rs)	Total Amount (Rs)
18	NSI	STEEL Girder of Required size Length & Thickness	No	1	6,000.00	6,000.00
TOTAL CIVIL WORKS=						1,253,436.93
TOTAL CIVIL WORKS FOR 2 PUMP HOUSES=						2,506,873.86

ii Sub Head : INTERNAL PLUMBING WORKS

S-No	MRS-Reference	Description	Unit	Quantiy	Rate (Rs)	Amount (Rs)
SCHEDULE ITEMS						
1	14-71-a	Providing and Fixing of poly dex high pressure PPR (green including testing ect complete 25 mm (including all special etc) or as per direction of the Consultant/Engineer Incharge	Rft	45.00	130.35	5,865.75
2	14-71-b	Providing and Fixing of poly dex high pressure PPR (green including testing ect complete 20 mm (including all special etc) or as per direction of the Consultant/Engineer Incharge	Rft	45.00	121.81	5,481.45
3	14-24-b	ProvidingProviding and Fixing CP bib-cock, heavy type : 1/2" or as per direction of the Consultant/Engineer Incharge.	Each	1.00	518.72	518.72
4	14-22-b	Providing and Fixing CP stop-cock, heavy type : 1/2" or as per direction of the Consultant/Engineer Incharge.	Each	1.00	604.13	604.13
5	14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests : Coloured or as per direction of the Consultant/Engineer Incharge.	Each	1.00	1,780.75	1,780.75
6	14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons capacity : Coloured or as per direction of the Consultant/Engineer Incharge.	Each	1.00	2,970.10	2,970.10
7	14-17	Providing and Fixing best quality 5mm mirror 22"x16" size or as per direction of the Consultant/Engineer Incharge.	Each	1.00	1,463.81	1,463.81
8	14-16-a	Providing and Fixing CP towel rail : 24" long, 3/4" dia or as per direction of the Consultant/Engineer Incharge.	Each	1.00	787.13	787.13
9	14-31-b	Providing and Fixing CI floor trap including CI grating & concrete chamber all round : 4"x3" or as per direction of the Consultant/Engineer Incharge.	Each	1.00	806.00	806.00
10	14-05-b-02	Providing and Fixing glazed earthen ware WHB complete Size 25"x18" : Coloured with pedestal or as per direction of the Consultant/Engineer Incharge.	Each	1.00	3,378.80	3,378.80
11	14-26-a	Providing and Fixing CP shower rose : 1/2"x4" or as per direction of the Consultant/Engineer Incharge.	Each	1.00	1,226.32	1,226.32
12	14-20-a	Providing and Fixing Plastic soap dish or as per direction of the Consultant/Engineer Incharge.	Each	1.00	274.73	274.73

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**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

BLOCK A

TUBE WELL WITH PUMPING CHAMBER

S-No	MRS-Ref 2017	Description	Unit	Quantiy	Rate (Rs)	Total Amount (Rs)
13	14-20-b	Providing and Fixing Plastic toilet paper holder. or as per direction of the Consultant/Engineer Incharge.	Each	1.00	286.92	286.92
14	24-49-a	Providing and Fixing Brass peet / gate valve 1" dia or as per direction of the Consultant/Engineer Incharge.	Each	1.00	1,405.00	1,405.00
15	24-30-a-06	Providing and Laying HDPE pipe Din-8074/Din-8075/ISO-4427 incl testing & disinfect complete (75mm dia) or as per direction of the Consultant/Engineer Incharge.	Rft	25.00	111.88	2,797.00
16	24-30-a-07	Providing and Laying HDPE pipe (52mm) Din-8074/Din-8075/ISO-4427 including testing & disinfect complete (110mm dia) or as per direction of the Consultant/Engineer Incharge.	Rft	25.00	200.14	5,003.50
17	14-69-b-01	P/F Polyethylene Water Tank 200 gallons (Horizontal) or as per direction of the Consultant/Engineer Incharge.	Each	1.00	6,908.51	6,908.51
Sub Total Cost (Schedule Items)						41,558.62
NON SCHEDULE ITEMS						
18		P/L "DADEX /Papular/Polo" UPVC P-Trap and UPVC Elbow or as per direction of the Consultant/Engineer Incharge.				-
	NSI	a) Elbow 4"	Each	1.00	242.00	242.00
	NSI	b) Elbow 3"	Each	1.00	201.00	201.00
	NSI	c) Ptrap 4"	Each	1.00	509.00	509.00
	NSI	e) Ptrap3"	Each	1.00	338.00	338.00
Sub Total Cost (Non Schedule Items)						1,290.00
Grand Total Cost (Schedule Items & Non Schedule Items)						42,848.62
TOTAL PLUMBING WORKS FOR 2 PUMP HOUSES=						85,697.24
iii Sub Head INTERNAL ELECTRICAL WORKS						
S-No	MRS-Refrence	Description	Unit	Quantiy	Rate (Rs)	Amount (Rs)

Note: Any item Missing in B.O.Q Will be Referred to MRS 2017 / Detail Cost Estimate As per Quoted Premium.

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

BLOCK A

TUBE WELL WITH PUMPING CHAMBER

S-No	MRS-Ref 2017	Description	Unit	Quantity	Rate (Rs)	Total Amount (Rs)
SCHEDULE ITEMS						
1	15-50	Wiring of light/fan/call-bell point in 3/0.029 PVC insulated bare cable in PVC pipe recessed or as per direction of the Consultant/Engineer Incharge.	Each	15.00	906.65	13,599.75
2	15-51	Wiring of 2/3-pin 5amp plug point in 3/0.029 PVC insulated cables in PVC pipe recessed or as per direction of the Consultant/Engineer Incharge.	Each	5.00	439.49	2,197.45
3	15-02-b-02	Supply & Erection PVC pipe for wiring purpose comp.recessed in wall:3/4" i/d or as per direction of the Consultant/Engineer Incharge.	Rft	235.00	95.31	22,397.85
4	15-02-b-03	Supply & Erection PVC pipe for wiring purpose comp.recessed in wall:1" i/d or as per direction of the Consultant/Engineer Incharge.	Rft	89.00	88.14	7,844.46
5	15-25	Providing & fixing of 5/8" dia fan hook for hanging ceiling fan or as per direction of the Consultant/Engineer Incharge.	Each	2.00	318.11	636.22
6	15-68-c	Supply & Erection of best quality AC ceiling fan complete with Glrod, canopy, blades, regulator:56"sweep or as per direction of the Consultant/Engineer Incharge.	Each	2.00	3,926.86	7,853.72
7	15-69-c	Supply and Erection best quality exhaust fan complete with shutter & regulator : 18"sweep or as per direction of the Consultant/Engineer Incharge.	Each	1.00	3,476.58	3,476.58
8	15-18-b	Supply and Erection switches 10/15 Amp : Recessed type or as per direction of the Consultant/Engineer Incharge.	Each	10.00	112.79	1,127.90
9	15-20-a	Supply and Erection 3 pin switch & plug combined recessed type : 5 Amp or as per direction of the Consultant/Engineer Incharge.	Each	3.00	122.91	368.73
10	15-75-b	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : Recessed or as per direction of the Consultant/Engineer Incharge.	Sft	1.50	5,416.92	8,125.38
11	15-80	Supply and Fixing dimmer switch complete or as per direction of the Consultant/Engineer Incharge.	Nos	2.00	250.50	501.00
Sub Total Cost (Schedule Items)						68,129.04
NON SCHEDULE ITEMS						
12	NSI	Volt maters with selector switch v s s for Distribution boards , 3 nos Indication panel lights , Control fuses complete with all respects	Sets	1.00	3,737.00	3,737.00
Sub Total Cost (Non Schedule Items)						3,737.00
Total Cost For Internal Electrification (Schedule Items & Non Schedule Items)						71,866.04
TOTAL INTERNAL ELECTRICAL WORKS FOR 2 PUMP HOUSES=						143,732.08
GRAND TOTAL A+B+C (Two Nos Tubewell)						11,195,652.70

Note: Any item Missing in B.O.Q Will be Referred to MRS 2017 / Detail Cost Estimate As per Quoted Premium.

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITIES

DRAINAGE, PROTECTION WORKS, BOX / PIPE CULVERTS

S-No	MRS-Ref 2017	Description	Unit	Quantity	Rate (Rs)	Total Amount (Rs)
1	03-23-b	Excavation in foundation of Building,Bridges etc.Complete:in ordinary Soil	Cft	1431779.15	6.07	8,690,899.46
2	06-06-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. Type C (1:2:4), or as per direction of the Consultant /Engineer Incharge.	Cft	147122.500	270.09	39,736,860.38
3	07-07-a-03	Pacca brick work other then Building upto 10 ft. Height:Cement,Sand Mortar 1:4	Cft	263550.000	239.11	63,017,440.50
4	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick or as per direction of the Consultant/Engineer Incharge.	sft	350288.000	20.24	7,089,829.12
5	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) , or as per direction of the Consultant/Engineer Incharge.	Cft	90570.68	155.21	14,057,185.76
6	19-31-a	Grouting stone pitching or apron etc, in : Cement, sand mortar (1:3) , or as per direction of the Consultant/Engineer Incharge.	Sft	162000.000	66.89	10,836,342.00
7	19-38-b	Stone pitching with hammer dressed stone on surface laid in courses including carriage of material with in 91.50 (300feet) meters.	Cft	107400.000	87.51	9,398,176.62
8	11-16-b	Cement pointing flush , upto 20' height Ratio 1:3 , or as per direction of the Consultant/Engineer Incharge.	Sft	79600.000	18.63	1,482,677.36
9	08-03-d-02	Random rubble masonry in ground floor in cement,sand mortar : Ratio 1:4 , or as per direction of the Consultant/Engineer Incharge.	Cft	123000.00	171.36	21,077,058.60
10	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6) or as per direction of the Consultant/Engineer Incharge.	Cft	13073.754	178.46	2,333,142.16
11	06-36-a	PCC 1:3:6 in mass concrete less formwork using 50% boulders or as per direction of the Consultant/Engineer Incharge.	Cft	147600.00	116.03	17,125,703.28
12	06-38-b	Erecting & removing formwork to concrete in any shape / position (Vertical) or as per direction of the Consultant/Engineer Incharge.	Cft	65851.200	51.35	3,381,294.49
13	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) or as per direction of the Consultant/Engineer Incharge.	Cft	96042.150	205.52	19,738,544.32
14	06-07-b	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 60) or as per direction of the Consultant/Engineer Incharge.	Tonne	563.97	111,598.88	62,938,600.90
15	03-60-c	Structural backfill using Common Material available at site or as per direction of the Consultant/Engineer Incharge.	Cft	324385.34	12.52	4,062,520.95
16	.08-15	Providing & Lay Stone/Boulder dry Hand Packed as Filling Behind Retaing walls or in Pitching	Cft	20160.00	53.55	1,079,568.00
17	24-18-c-06	Providing and laying cut,Joint,Test,Disinfect PVC Pipe Line BSS Class "D" Working Pressure : 4" i/d	Rft	3000.00	248.37	745,110.00
Total Rs						286,790,953.90

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PROVINCIAL HOUSING AUTHORITY PESHAWAR CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA						
BILL OF QUANTITY						
MAIN GATE						
Sub Head A : CIVIL WORKS						
S-No	MRS-Reference	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
SCHEDULE ITEMS						
C.01	03-23-b	Excavation in foundation or building, bridges etc complete. in ordinary soil or as per direction of the Consultant/Engineer Incharge.	4091.54	Cft	6.08	24,876.56
C.02	26-15	Spraying anti-termite liquid mixed with water in the ratio of 1:40 or as per direction of the Consultant/Engineer Incharge.	279.58	Sft.	1.26	352.27
C.03	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8) or as per direction of the Consultant/Engineer Incharge.	403.05	Cft.	155.21	62,557.39
C.04	10-15-e	Provide & lay topping of concrete 1:2:4 , including surface finishing & dividing in panels : 2" thick) or as per direction of the Consultant/Engineer Incharge.	327.00	Sft.	53.70	17,559.90
		Providing laying Reinforced Cement Concrete 1:2:4 of minimum compressive strength 3000 Psi at 28 days using ordinary Portland cement with approved Sand and 1/2" -, 3/4" down graded approved crushed stone as indicated on drawings excluding the cost of steel reinforcement but including steel form work vibrating through electro machanical vibrator , mixing material in mixer, plant , labour equipments as indicated on the drawing or as per direction of the Consultant/Engineer Incharge.				-
C.05	06-06-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. Type C(1:2:4)	1428.87	Cft	235.90	337,070.43
C.06	06-06-a-03	RCC in roof slab, beam, column & other structural members , insitu or precast. Type C (1:2:4) in Super Structure	5067.65	Cft	270.09	1,368,721.32
C.07	06-06-a-03+06-06-e	RCC in roof slab, beam, column & other structural members , insitu or precast. Type C (1:2:4) in Super Structure	3156.90	Cft	294.00	928,128.60
C.08	06-07-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40) or as per direction of the Consultant/Engineer Incharge.	25.75	Ton	107,564.41	2,769,783.56
C.09	06-22-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick) or as per direction of the Consultant/Engineer Incharge.	423.84	Sft.	60.14	25,489.98
C.10	06-24-a-01	Vertical Damp proof c/s plaster, 1 layer polythene 1 coat bitumen Ratio 1:4 (0.5" thick) or as per direction of the Consultant/Engineer Incharge.	101.76	Sft.	38.01	3,867.90
C.11	07-04-a-03	First class pacca brick work in foundation and plinth in Cement, sand mortar 1:4 or as per direction of the Consultant/Engineer Incharge.	2088.03	Cft	228.03	476,133.71
C.12	07-05-a-05	First class pacca brick work in ground floor Cement, sand mortar 1:6 or as per direction of the Consultant/Engineer Incharge.	456.10	Cft	235.99	107,634.10
C.13	11-09-b	Cement plaster 1:4 1/2" thick in ground floor & first floor or as per direction of the Consultant/Engineer Incharge.	2650.01	Sft.	20.24	53,636.10
C.14	11-10-b	Cement plaster 3/8" thick under soffit of RCC roof slabs in ground floor & first floor : (1:3) or as per direction of the Consultant/Engineer Incharge.	1561.25	Sft.	23.78	37,126.53
C.15	11-08-b	Cement plaster 1:3 1/2" thick in ground floor & first floor on concrete surface or as per direction of the Consultant/Engineer Incharge.	3768.64	Sft.	21.14	79,669.05
C.16	11-18-a	Cement pointing struck joints , on walls, : Ratio 1:2 in ground floor & first floor or as per direction of the Consultant/Engineer Incharge.	2120.00	Sft.	22.25	47,170.00

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PROVINCIAL HOUSING AUTHORITY PESHAWAR						
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA						
BILL OF QUANTITY						
MAIN GATE						
C.17		Chalk under distemper & Distemping New surface : Two coats				-
a)	11-23-a-02	Distemping New surface : Two coats or as per direction of the Consultant/Engineer Incharge.	906.00	Sft.	8.49	7,691.94
b)	11-23-a-02	Distemping New surface : Two coats or as per direction of the Consultant/Engineer Incharge.	906.00	Sft.	8.49	7,691.94
C.18	13-38-a+13-38-b	Preparing surface & painting with snowcem / weathershield paint : First, 2nd & subsequent coats in ground floor & first floor or as per direction of the Consultant/Engineer Incharge.	7073.90	Sft.	24.73	174,937.42
C.19	11-31	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks or as per direction of the Consultant/Engineer Incharge.	2120.00	Sft.	2.25	4,770.00
C.20	12-07-c	First class deodar wood wrought joinery in doors and windows etc. complete : 1.5" thick or as per direction of the Consultant/Engineer Incharge.	77.50	Sft.	1,314.57	101,879.18
C.21	12-24-c	Provide & fix chowkat for doors, windows & CS windows, including holdfast etc : Deodar wood or as per direction of the Consultant/Engineer Incharge.	18.84	Sft.	413.67	7,795.40
C.22	13-06-b-01	Prepare & Paint new surface, sashes, doors & windows etc. Priming coat or as per direction of the Consultant/Engineer Incharge.	155.00	Sft.	9.05	1,402.75
C.23	13-06-b-02	Prepare & Paint new surface, sashes, doors & windows etc. two coats of paint or as per direction of the Consultant/Engineer Incharge.	155.00	Sft.	6.33	981.15
C.24	12-53-c-01	Supply and Fixing aluminium door/window, Deluxe 3.5" sect. Sliding window or as per direction of the Consultant/Engineer Incharge.	51.00	Sft.	620.67	31,654.17
C.25	10-03-a	Provide, lay, water & ram clean coarse sand under floor / brick paving, complete or as per direction of the Consultant/Engineer Incharge.	114.00	Cft	41.77	4,761.78
C.26	06-05-h	Providing and laying Plinth protection 3' wide comprising of 3" thick Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6) or as per direction of the Consultant/Engineer Incharge.	57.00	Cft	178.46	10,172.22
C.27	10-43-c	Providing and Fixing Marble Strip 1.5 inch wide 3/8 inch thick for dividing the floor into panels 1.5" thick complete in all respect as per drawings and specification, and as director by the Engineer.	117.00	Rft	6.600	772.20
C.28	10-46-a	P/F Ceramic Floor Tiles (Emco, National or eq) Size : 12" x 12" or as per direction of the Consultant/Engineer Incharge.	196.50	Sft.	165.08	32,438.22
C.29	10-26-c	Provide & lay marble fine dressed stone flooring on surface in white cement complete: 1/2" thick (Badel, Silky black, Sunny white, Sunny Grey or eq) complete in all respect as per drawings and specification, and as director by the Engineer.	213.00	Sft.	202.570	43,147.41
C.30	25-33	Providing and Fixing terrace railing of 2" i/d conduit pipe 16 SWG welded with 5/8"x5/8" sq bar 2.75' high complete or as per direction of the Consultant/Engineer Incharge.	23.00	Sft	313.03	7,199.69
C.31	09-19-a	Cast iron rain water down pipe fixed in position excluding heads & shoes : 4" dia or as per direction of the Consultant/Engineer Incharge.	38.00	Rft	678.75	25,792.50
C.32	09 - 20	Heads for cast iron rain water down pipe fixed in place including cost of clamp holdfast and painting or as per direction of the Consultant/Engineer Incharge.	2.00	Each	1,848.64	3,697.28
C.33	09 - 21	Shoes, bends or offsets for cast iron ran water down pipe, including fixing & painting or as per direction of the Consultant/Engineer Incharge.	2.00	Each	1,764.27	3,528.54
C.34	09-15	Khuras on roof 2'x2'x6" or as per direction of the Consultant/Engineer Incharge.	2.00	Each	639.59	1,279.18
Sub Total Cost (Schedule Items)						6,811,370.37

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**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITY

MAIN GATE

Non Schedule Items

C.35	N.S.I	Providing & fixing solid square bar iron grills 1/2"x1/2". 6" x 8" spacing including wire guaze 12x24 , angle iron frame 1-1/4"x1/8", iron clad 1/2"x1/8" for wire guaze,Screw or nail for fixing, prime coat with redoxide and two coats enamel paint or as per direction of the Consultant/Engineer Incharge.	51.00	Sft.	339.00	17,289.00
C.36	N.S.I	Providing & fixing steel gate including all accessories, prime coat with redoxide and two coats enamel paint (complete in all respect) or as per direction of the Consultant/Engineer Incharge.	3552.00	Kg	192.00	681,984.00
Sub Total Cost (Non Schedule Items)						699,273.00
Grand Total Cost (Schedule Items & Non Schedule Items)						7,510,643.37

S-No	MRS-Reference	Description	Quantity	Unit	Rate (Rs)	Amount (Rs)
SCHEDULE ITEMS						
P.01	14-71-a	Providing and Fixing of poly dex high pressure PPR (green including testing ect complete 25 mm (including all special etc) or as per direction of the Consultant/Engineer Incharge	45.00	Rft	130.35	5,865.75
P.02	14-71-b	Providing and Fixing of poly dex high pressure PPR (green including testing ect complete 20 mm (including all special etc) or as per direction of the Consultant/Engineer Incharge	25.00	Rft	121.81	3,045.25
P.03	14-24-b	Providing and Fixing CP bib-cock , heavy type : 1/2" or as per direction of the Consultant/Engineer Incharge	3	Each	518.72	1,556.16
P.04	14-22-b	Providing and Fixing CP stop-cock , heavy type : 1/2" or as per direction of the Consultant/Engineer Incharge	2	Each	604.13	1,208.26
P.05	14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built in foot rests : Coloured or as per direction of the Consultant/Engineer Incharge	1	Each	1,780.75	1,780.75
P.06	14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons capacity : Coloured or as per direction of the Consultant/Engineer Incharge	1	Each	2,970.10	2,970.10
P.07	14-17	Providing and Fixing best quality 5mm mirror 22"x16" size or as per direction of the Consultant/Engineer Incharge	1	Each	1,463.81	1,463.81
P.08	14-16-a	Providing and Fixing CP towel rail : 24" long, 3/4" dia or as per direction of the Consultant/Engineer Incharge	1	Each	787.13	787.13
P.09	14-31-b	Providing and Fixing CI floor trap including CI grating & concrete chamber all round : 4"x3" or as per direction of the Consultant/Engineer Incharge	1	Each	806.00	806.00
P.10	14-5-b-02	Providing and Fixing glazed earthen ware WHB complete Size 25"x18" : Coloured with pedestal or as per direction of the Consultant/Engineer Incharge	1	Each	3,378.80	3,378.80
P.11	14-18-a	Providing and Fixing best quality 5mm glass shelf 24"x5" With chromium plated brackets & railing or as per direction of the Consultant/Engineer Incharge	1	Each	612.00	612.00
P.12	14-26-a	Providing and Fixing CP shower rose : 1/2"x4" or as per direction of the Consultant/Engineer Incharge	1	Each	1,226.32	1,226.32
P.13	14-27	Providing and Fixing CP mixing valve for WHB, sink or shower or as per direction of the Consultant/Engineer Incharge.	1	Each	2,129.13	2,129.13

Note: Any item Missing in B.O.Q Will be Referred to MRS 2017 / Detail Cost Estimate As per Quoted Premium.

**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITY

MAIN GATE

P.14	14-20-a	Providing and Fixing Plastic soap dish or as per direction of the Consultant/Engineer Incharge.	1	Each	274.73	274.73
P.15	14-20-b	Providing and Fixing Plastic toilet paper holder . or as per direction of the Consultant/Engineer Incharge.	1	Each	286.92	286.92
P.16	24-49-a	Providing and Fixing Brass peet / gate valve 1" dia or as per direction of the Consultant/Engineer Incharge.	1	Each	1,405.00	1,405.00
P.17	14-37-a	Supply and Fixing CI manhole cover with frame etc complete 12" dia or as per direction of the Consultant/Engineer Incharge.	1	Each	1,489.06	1,489.06
P.18	14-33	Providing and Fixing 4" gully trap with PCC, including masonry chamber 1'x1' and PVC grating 6"x6" or as per direction of the Consultant/Engineer Incharge.	1	Each	934.50	934.50
P.19	24-18-a-01	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 3" i/d or as per direction of the Consultant/Engineer Incharge.	35.00	Rft	124.08	4,342.80
P.20	24-18-a-02	Providing and Laying cut, joint, test, disinfect PVC pipe line BSS Class 'B'working pressure : 4" i/d or as per direction of the Consultant/Engineer Incharge.	35.00	Rft	179.48	6,281.80
P.21	23-10	Septic Tank (int.Size: 7'x2'x5') complete or as per direction of the Consultant/Engineer Incharge.	1.00	Each	16,984.53	16,984.53
Sub Total Cost (Schedule Items)						58,828.80
Non Schedule Items						
P.22		P/L "DADEX /Papular/Polo" UPVC P-Trap and UPVC Elbow or as per direction of the Consultant/Engineer Incharge.				-
	NSI	a) Elbow 4"	1	Each	242.00	242.00
	NSI	b) Elbow 3"	1	Each	201.00	201.00
	NSI	c) Ptrap 4"	1	Each	509.00	509.00
	NSI	e) Ptrap3"	1	Each	338.00	338.00
Sub Total Cost (Non BOQ/Additional Items)						1,290.00
Grand Total Cost (Schedule Items & Non Schedule Items)						60,118.80

Sub Head C : INTERNAL ELECTRIFICATION WORK

S-No	MRS-Reference	Description	Unit	Quantity	Rate (Rs)	Amount (Rs)
Schedule Items						
E.01	15-50	Wiring for light, fan ,call bell point in 3/.029 PVC insulated cables in PVC pipe recessed or as per direction of the Consultant/Engineer Incharge.	Each	21.00	906.65	19,039.65
E.02	15-51	Wiring of 2/3-pin 5amp plug point in 3/.029 PVC insulated cables in PVC pipe recessed or as per direction of the Consultant/Engineer Incharge.	Each	3.00	439.49	1,318.47
E.03	15-02-b-02	Supply & Erection PVC pipe for wiring purpose comp.recessed in wall:3/4" i/d or as per direction of the Consultant/Engineer Incharge.	Rft	35.00	95.31	3,335.85
E.04	15-02-b-03	Supply & Erection PVC pipe for wiring purpose comp.recessed in wall:1" i/d or as per direction of the Consultant/Engineer Incharge.	Rft	139.00	88.14	12,251.46
E.05	15-55-a	Providing & fixing of fancy wall bracket (imported) with oxidized finish complete with brass holder, & fancy glass shade &Single or as per direction of the Consultant/Engineer Incharge.	Each	3.00	223.50	670.50

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**PROVINCIAL HOUSING AUTHORITY PESHAWAR
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA**

BILL OF QUANTITY

MAIN GATE

E.06	15-56-c	Supply & Erection white round globe with holder,gallery & 100 watt bulb complete:10" dia or as per direction of the Consultant/Engineer Incharge.	Each	5.00	238.51	1,192.55
E.07	15-25	Providing & fixing of 5/8" dia fan hook for hanging ceiling fan or as per direction of the Consultant/Engineer Incharge.	Each	1.00	318.11	318.11
E.08	15-68-c	Supply & Erection of best quality AC ceiling fan complete with GI rod,canopy,blades,regulator: 56" sweep or as per direction of the Consultant/Engineer Incharge.	Each	1.00	3,926.86	3,926.86
E.09	15-69-a	Supply & Installation of 12" sweep, plastic body, Exhaust fan or as per direction of the Consultant/Engineer Incharge.	Each	1	2,419.25	2,419.25
E.10	15-18-b	Supply and Erection switches 10/15 Amp : Recessed type or as per direction of the Consultant/Engineer Incharge.	Each	22.00	112.79	2,481.38
E.11	15-20-a	Supply and Erection 3 pin switch & plug combined recessed type : 5 Amp or as per direction of the Consultant/Engineer Incharge.	Each	3	122.91	368.73
E.12	15-20-b	Supply and Erection 3 pin switch & plug combined recessed type : 10/15 Amp or as per direction of the Consultant/Engineer Incharge.	Each	1	141.21	141.21
E.13	15-24-b	Supply and Erection tube light including rod , choke etc complete Single rod (40 watts) with 1 choke & 1 starter or as per direction of the Consultant/Engineer Incharge.	Set	1.00	454.14	454.14
E.14	15-75-b	Supply and Erection cubical type factory fabricated floor/wall mounting steel main board comp. : Recessed or as per direction of the Consultant/Engineer Incharge.	Sft	7.00	5,416.92	37,918.44
E.15	15-71-b	Supply and Erection single phase imported auto circuit breaker 15 Amp or as per direction of the Consultant/Engineer Incharge.	Each	3.00	507.00	1,521.00
E.16	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029 or as per direction of the Consultant/Engineer Incharge.	Rft	75.00	23.55	1,766.25
E.17	15-48-a	Wiring of sub main earthing with 1 single core pvc insulated & sheathed cable 3/0.029 or as per direction of the Consultant/Engineer Incharge.	Rft	191.00	18.39	3,512.49
E.18	15-42	Supply and Erection 2'x2'x1/8" copper plate including rivetting to copper tape & placing in mixture of salt and charcol etc or as per direction of the Consultant/Engineer Incharge.	Each	1	9,231.69	9,231.69
E.19	15-43-b	Supply and Erection copper tape , including copper stapple & copper nails etc : Size 2"x1/8" or as per direction of the Consultant/Engineer Incharge.	Rft	32	348.76	11,160.32
E.20	15-44	Supply and Erection 1" dia & 1m long lightening conductor copper rod with 5 spikes ball & base etc or as per direction of the Consultant/Engineer Incharge.	Each	1	4,315.63	4,315.63
E.21	15-53	Special earthing of iron/metal clad switches etc with copper wire No. 8 SWG in GI pipe 1/2" dia or as per direction of the Consultant/Engineer Incharge.	Each	1	15,650.82	15,650.82
E.22	15-80	Supply and Fixing dimmer switch complete or as per direction of the Consultant/Engineer Incharge.	Nos	1.00	250.50	250.50
Sub Total Cost (Schedule Items)						133,245.30

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PROVINCIAL HOUSING AUTHORITY PESHAWAR						
CONSTRUCTION OF HOUSING SCHEME AT JALOZAI DISTRICT NOWSHERA						
BILL OF QUANTITY						
MAIN GATE						
Non Schedule Items						
		Supply, installation, testing & commissioning of Switches & Socket including appropriate size outlet box of 16 SWG MS sheet recessed in wall, column, partition wall etc. complete in all respect As per Instruction of Engineer In Charge of following sizes.				
E.23	NSI	Tele Phone Points with Tele Phone Sockets	Each	1.00	2,550.00	2,550.00
E.24	NSI	Supply, installation & connection of telephone junction boxes (T.JBs)For T.V & T. Phone Points fabricated in 16 SWG sheet steel housing with openable hinged cover, wit brass earth terminal with accessories fixing arrangement etc. with 20 pair tag block as per drawings & specification, complete in all respect.	Each	1.00	2,500.00	2,500.00
E.25	NSI	Volt maters with selector switch v s s for Distribution boards , 3 nos Indication panel lights , Control fuses complete with all respects	Sets	1	3,737.00	3,737.00
Sub Total Cost (Non Schedule Items)						8,787.00
Grand Total Cost (Schedule Items & Non Schedule Items)						142,032.30
Grand Total A+B+C						7,712,794.47

Note: Any item Missing in B.O.Q Will be Referred to MRS 2017 / Detail Cost Estimate As per Quoted Premium.