



OFFICE OF THE
MUNICIPAL COMMITTEE, VEHARI

No: 261 /MO(I)/MC-VR Dated: 01/09/2023

Phone Number (067)-3362650,33-61308,33,64262)

Email Address. mcvehari1@gmail.com

(WORK ORDER)

To

M/S Ch. Abdul Ghafoor Goheer,
Ward No.9 Mohallah Islamabad Shakhot,
Nankana Sahib

Subject: CONSTRUCTION OF SWM PARKING AREA IN VEHARI CITY.
(Under Punjab Cities Program)

Reference: - Your bid dated 13-06-2023

The rate your Bid/Tender for the scheme cited as subject as approved by competent authority amounting to **Rs. 3,53,19,605.32/- (Thirty-five Million Three Hundred Nineteen Thousand Six Hundred Five Point Thirty-two)** with the completion period of **Six (06) months** starting from the date of issuance of this work order as per following items of work & rates subject to strict Technical/Financial Regularities & Codal Formalities, Drawings, General Terms & Condition of the contract agreement including conditions herein after.

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
ADMIN BLOCK					
CIVIL WORK					
	Schedule Item				
	Excavation				
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.	1000Cft	1.20	10,677.75	12,813.30
	Anti-Termite				
2	Spraying termite proofing by using liquid FMC/Biflex/Terminex Exin/Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	Sft	1,996.00	9.25	18,463.00
	Plain Cement Concrete				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
	(i) Ratio 1: 4: 8	100 Cft	2.00	28,929.30	57,858.60
	Brick work in Foundation				
4	Pacca brick work in foundation and plinth in:-				
	Cement, sand mortar:- Ratio 1:5	100 Cft	7.58	28,486.30	2,15,926.15
	Horizontal D.P.C				
5	Providing and laying damp proof course of cement concrete 1 : 2 : 4 (using cement, sand and shingle), including bitumen coating :-				
	(a) with one coat bitumen and one coat polythene sheet 500gauge				
	i) 1½" thick (40 mm)	100 Sft	1.80	8,629.95	15,533.91
	Vertical D.P.C				
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:-				
	(a) with one coat of bitumen and one coat of polythene sheet 500 gauge:				
	ii) Ratio 1:3 ¾" thick (20 mm)	100 Sft	2.40	6,236.05	14,966.52
	Brick work in Super Structure				
7	Pacca brick work in ground floor:-				
	i) Cement, sand mortar:- Ratio 1:5	100 Cft	11.39	30,670.00	3,49,331.30
	Concrete Work				
8	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.):-				
	Above foundation				
	(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:-				
	Type C (nominal mix 1: 2: 4)	P.Cft	265.06	556.50	1,47,505.89
	Steel Work.				
9	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				
	Deformed bars (Grade-60)	100kg	7.58	31,802.05	2,41,059.54
	Sand Filling				
10	Supplying and filling sand under floor; or plugging in wells.				
	Brick ballast	100 Cft	3.40	2,823.30	9,599.22
11	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.				
		100 Cft	1.12	8,891.50	9,958.48

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	Plain Cement Concrete				
12	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				-
	Ratio 1: 2: 4	100 Cft	0.57	38,126.10	21,731.88
	Porcelain Tile				
13	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3)cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.				-
	c) (Non-Skid Chequered Tiles) 300mmx300mm	Per Sft	200.00	211.55	42,310.00
14	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/ dado of specified size, Color and Shade with adhesive/ bond over 1/2" thick (1:2)cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.				-
	a) Full body Glazed Tile				-
	(i) 400 mm x 400 mm	Per Sft	18.15	292.65	5,311.60
	Ceramic Tile				
15	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.				-
	i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	Per Sft	140.00	339.90	47,586.00
16	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2)cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge.				-
	i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	Per Sft	452.50	292.65	1,32,424.13
	Marble				
17	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching scaler complete in all respects as approved and directed by the Engineer Incharge.				-
	i) China Verona	Sft	24.75	496.90	12,298.28
	Slab Plaster				
18	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. (Ratio:- 1:3)	100 Sft	3.40	3,705.55	12,598.87
	Cement Plaster				
19	Cement plaster 1:4 upto 20' (6.00 m) height:-				-

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Estimated Amount (Rs)
	3/4" (20 mm) thick	100 Sft	20.08	4,373.00	87,809.84
	Pointing				
20	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:-				
	a) ratio 1:2	100 Sft	10.32	3,516.15	36,286.67
21	Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.	100 Sft	10.32	652.50	6,733.80
	Distempering				
22	Distempering:-				
	iii) three coats	100 Sft	23.48	1,295.00	30,406.60
	Wooden Door				
23	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure 1/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquer polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	Per Sft	121.50	1,452.50	1,76,478.75
	Formica Sheet				
24	Providing and fixing Formica sheet on bathroom door as per drawing and design complete in all respect.				
25	Providing and fixing 2" wide MS/ GI Chowkat single/double rebate made of 16 SWG MS sheet pressed/welded / supported with M.S. flat 1-1/4"x1/8" 1/c 6" long M.S. Flat 1"x1/8" hold fasts (6-Nos) welded/screwed, punching of lock hole covered with MS Box, coating with antirust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge	Sft	37.50	90.00	3,375.00
	(ii) 10.50" wide				
26	Providing and fixing 3"x4-1/2" chowkat for doors, windows and C. windows, including holdfast, etc.	Sft	59.50	659.70	39,252.15
	b) Deodar wood				
27	Providing and laying 24 SWG aluminum kick plate 4" (100 mm) high, fixed with screws 4" (100 mm) centre to centre, on bottom rail of flush doors only of commercial ply.	Sft	17.19	826.70	14,210.97
28	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/4") all along the door frame complete in all respect.	Rft	15.00	79.75	1,196.25
	b) Deodar wood architrave				
	Lock				
29	Providing and fixing, approved quality mortice lock.	Sft	17.00	341.50	5,805.50
	Paint				
		Each	7.00	771.50	5,400.50

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
30	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges):-				
	i) Priming coat.				-
	ii) Two coat	100 Sft	2.43	1,292.00	3,139.56
	Aluminium Window	100 Sft	2.43	771.40	1,874.50
31	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge	Per Sft	122.50	1,336.55	1,63,727.38
	Roof Insulation				-
32	Single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) laid over 4" (100 mm) earth and 1" (25 mm) 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.	100 Sft	4.55	10,841.00	49,326.55
33	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water absorption (1% by volume, closed cell type structure) i/c cutting and placing in position. complete in all respect.				-
	c) 2" thick	100 Sft	4.55	12,039.60	54,780.18
34	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc.				-
	ii) 500 gauge (.005" thick)	Per Sft	910.00	8.65	7,871.50
	Khurras				-
35	Khurras on roof 2'x2'x6" (600 x 600 x 150 mm)	Each	2.00	854.35	1,708.70
	Bottom Khurras				-
36	Bottom Khurras of brick masonry in cement mortar 1:6, 4'x2'x4 1/2" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	2.00	1,746.65	3,493.30
37	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	472.95	119.70	56,612.12
	Total Rs.				21,16,766.47

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
ADMIN BLOCK					
PLUMBING WORKS					
	Schedule Item				
	Indian W.C				
1	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.				
	i) white	Each	2.00	2,218.00	4,436.00
2	Providing and fitting one piece European Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	Each	1.00	35,817.00	35,817.00
3	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete.				
	i) white	Each	2.00	2,649.10	5,298.20
4	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.				
	i) white, with pedestal	Each	3.00	5,169.95	15,509.85
5	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	Each	3.00	2,228.75	6,686.25
6	Providing and fixing, chromium plated soap dish.	Each	3.00	278.75	836.25
7	Providing and fixing looking glass 55x40 cm (22"x16") size	Each	3.00	638.15	1,914.45
8	Providing and fixing chromium plated bib cock:-				
	i) 2 cm (¾")	Each	3.00	1,015.00	3,045.00
9	Providing and fixing chromium plated tee stop cock 15mm (½").	Each	9.00	955.00	8,595.00
10	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:-				
	i) 10x5 cm (4"x2")	Each	5.00	627.75	3,138.75
11	Providing and fitting 10 cm (4") gully trap, including cement concrete, cost of PVC grating 15x15 cm (6"x6") and masonry chamber 30x30 cm (12"x12").	Each	1.00	1,084.60	1,084.60
12	Providing and fitting "P" trap:-				
	ii) 10 cm (4") glazed.	Each	6.00	283.10	1,698.60
	PPRC Pipe				
13	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/ Popular /Beta/ BBJ)with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).				
	b) PN-20 pipe				
	(i) (1/2") 20 mm	Rft	50.00	48.75	2,437.50

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	(ii) (3/4") 25 mm	Rft	70.00	67.15	4,700.50
	(iii) (1") 32 mm	Rft	20.00	107.65	2,153.00
	(iv) (1-1/4") 40 mm	Rft	25.00	162.05	4,051.25
	G.I Pipe on Roof				-
14	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.				-
	iii) Heavy Quality				-
	b) 3/4" i/d (20 mm) 3.25mm thick	Rft	50.00	279.15	13,957.50
	Valve				-
15	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified dia meter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.				-
	ii) 3/4" dia	Each	1.00	1,434.00	1,434.00
	iii) 1" dia	Each	1.00	1,674.00	1,674.00
	uPVC Pipe				-
16	Providing, fixing, testing and commissioning of u-PVC (Unplasticized polyvinyl Chloride) Nikasi /waste pipe make of dadex/Popular/Beta/BBJ plain/ socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge				-
	Type (SDR 41/SN-4)				-
	(iii) 2"(60 mm)	Rft	20.00	88.45	1,769.00
	(iv) 3"(85 mm)	Rft	-		-
	(v) 4"(110 mm)	Rft	60.00	17.25	1,035.00
	(vi) 6"(160 mm)	Rft	10.00	420.65	4,206.50
	HDPE Tank				-
17	Providing and hoisting vertical /horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	P.GIn	500.00	106.60	53,300.00
	Total Rs. (A)				1,78,778.20
	Non-Schedule Item				-
18	Providing and making Manhole 2'x2' internal size including 9" thick brick masonry (1:4), 1/2" th. Plastering (1:3) i/side, benching with PCC 1:2:4 4" th. with cement finish, including manhole cover, complete in all respects.	Each	1.00	17,608.51	17,608.51
	Total Rs. (B)				17,608.51
	Total Amount Rs. (A + B)				1,96,386.71

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
ADMIN BUILDING					
ELECTRICAL WORKS					
Scheduled Items (A)					
1	Supply and erection of PVC pipe for wiring recessed in walls, including bends, inspection joints, boxes, pull boxes, hook, cutting and repair surface etc. completed with all specified. (20 mm i/d)	Rft.	350.00	81.70	28,595.00
2	Supply and erection of PVC pipe for wiring recessed in walls, including bends, inspection joints, boxes, pull boxes, hook, cutting and repair surface etc. completed with all specified. (25 mm i/d)	Rft.	320.00	94.60	30,272.00
3	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (3.029)	Rft.	650.00	25.70	16,705.00
4	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (7.029)	Rft.	230.00	23.70	5,451.00
	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (7.036)	Rft.	310.00	44.05	13,655.50
5	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. (4"x4")	Each	4.00	270.50	1,082.00
6	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. (7"x4")	Each	1.00	270.50	270.50
7	Supply and erection of switches 10/15 Amp. (Recessed Type)	Each	5.00	87.35	436.75
8	Supply and erection of 3 pin switch and Plug combined recessed type (10/15Amps)	Each	9.00	149.80	1,348.20
9	Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete				
	(i) Double rod (80 watts) with two chokes and 2 starters.	Each	5.00	2,164.65	10,823.25
	(ii) Single rod (40 watts) with one choke and one starter.	Each	5.00	1,444.20	7,221.00
10	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas /G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.				
	(a) Plastic body (ii) 12 " dia	Each	5.00	3,133.00	15,665.00
	Sub Total (A)				1,31,525.20

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
12	Supply, Installation, testing and commissioning of following size 56" ceiling fan, complete with capacitor, hanging rod, canopy, blades, dimmers nuts and bolts complete in all respect.	Each	1.00	7,000.00	7,000.00
Sub Total (B)					7,000.00
Sub Total (A+B)					1,38,525.20

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
WORK SHOP					
CIVIL WORK					
	Schedule Item				
	Excavation				
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.	1000Cft	0.49	10,677.75	5,232.10
	Anti-Termite				
2	Spraying termite proofing by using liquid FMC/Biflex/Terminex Exin/Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	Sft	606.75	9.25	5,612.44
	Plain Cement Concrete				
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
	(i) Ratio 1: 4: 8	100 Cft	0.81	28,929.30	23,432.73
	Brick work in Foundation				
4	Pacca brick work in foundation and plinth in:-				
	Cement, sand mortar:- Ratio 1:5	100 Cft	3.06	28,486.30	87,168.08
	Horizontal D.P.C				
5	Providing and laying damp proof course of cement concrete 1 : 2 : 4 (using cement, sand and shingle), including bitumen coating :-				
	(a) with one coat bitumen and one coat polythene sheet 500gauge				
	i) 1½" thick (40 mm)	100 Sft	0.77	8,629.95	6,645.06
	Vertical D.P.C				
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:-				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	(a) with one coat of bitumen and one coat of polythene sheet 500 gauge:				
	ii) Ratio 1:3 ¼ " thick (20 mm)	100 Sft	1.03	6,236.05	6,423.13
	Brick work in Super Structure				
7	Pacca brick work in ground floor:-				
	i) Cement, sand mortar:- Ratio 1:5	100 Cft	4.71	30,670.10	1,44,456.17
	Concrete Work				
8	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.):-				
	In Foundation				
	(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in				
	6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				
	(3) Type C (nominal mix 1: 2: 4)	P.Cft	-		
	Above foundation				
	(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:-				
	Type C (nominal mix 1: 2: 4)	P.Cft	80.58	556.50	44,842.77
	Steel Work.				
9	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				
	Deformed bars (Grade-60)	100kg	2.30	31,802.05	73,144.72
	Sand Filling				
10	Supplying and filling sand under floor, or plugging in wells.	100 Cft	1.10	2,823.30	3,105.63
	Brick ballast				
11	Dry rammed brick or stone ballast, 1½" to 2" (40 mm to 50 mm) gauge.	100 Cft	0.36	8,891.50	3,200.94
	Plain Cement Concrete				
12	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
	Ratio 1: 2: 4	100 Cft	0.18	38,126.10	6,862.70

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	Porcelain Tile				
13	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3)cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.				-
	c) (Non-Skid Chequered Tiles) 300mmx300mm	Per Sft	110.44	225.60	24,915.26
14	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/ dado of specified size, Color and Shade with adhesive/ bond over 1/2" thick (1:2)cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.				-
	a) Full body Glazed Tile				-
	(i) 400 mm x 400 mm	Per Sft	14.52	310.00	4,501.20
	Ceramic Tile				-
15	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.				-
	i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	Per Sft	17.00	239.90	4,078.30
16	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2)cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge.				-
	i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	Per Sft	70.00	292.75	20,492.50
	Slab Plaster				-
17	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. (Ratio:- 1:3)	100 Sft	1.10	3,705.55	4,076.11
	Cement Plaster				-
18	Cement plaster 1:4 upto 20' (6.00 m) height:-				-
	3/4" (20 mm) thick	100 Sft	6.45	4,373.00	28,205.85
	Pointing				-
19	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:-				-
	a) ratio 1:2	100 Sft	5.64	3,516.15	19,831.09
20	Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.				-
		100 Sft	5.64	652.50	3,680.10

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	Distemping				-
21	Distemping:-				-
	iii) three coats	100 Sft	12.72	1,295.00	16,472.40
	Wooden Door				-
22	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	Per Sft	42.00	795.70	33,419.40
	Formica Sheet				-
23	Providing and fixing Formica sheet on bathroom door as per drawing and design complete in all respect.	Sft	17.50	90.00	1,575.00
24	Providing and fixing 2" wide MS/ GI Chowkat singel/double rebate made of 16 SWG MS sheet pressed/welded / supported with M.S. flat 1- 1/4"x1/8" i/c 6"long M.S. Flat 1"x1/8"hold fasts (6-Nos) welded/screwed, punching of lock hole covered with MS Box,coating with antirust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4) ,complete in all respect as approved and directed by Engineer Incharge				-
	(ii) 10.50 " wide	Sft	15.31	659.70	10,100.01
25	Providing and fixing 3"x4-1/2" chowkat for doors, windows and C. windows, including holdfast, etc.				-
	b) Deodar wood	Sft	7.56	826.20	6,246.07
26	Providing and laying 24 SWG aluminum kick plate 4" (100 mm) high, fixed with screws 4" (100 mm) centre to centre, on bottom rail of flush doors only of commercial ply.	Rft	5.00	79.75	398.75
27	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/4") all along the door frame complete in all respect.				-
	b) Deodar wood architrave	Sft	4.38	341.50	1,495.77
	Lock				-
28	Providing and fixing, approved quality mortice lock.	Each	2.00	774.00	1,548.00
	Paint				-
29	Painting new surface:- Preparing surface and painting of doors and windows any type (including edges):-				-
	i) priming coat.	100 Sft	0.84	1,460.05	1,226.44
	ii)Two coat	100 Sft	0.84	1,683.30	1,413.97
	Aluminum Window				-

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
30	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge	Per Sft	20.00	1,336.55	26,731.00
	Roof Insulation				-
31	Single layer of tiles 9"x4 1/2"x1 1/2" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) 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.	100 Sft	1.46	10,841.30	15,828.30
32	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density ,32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water absorption (1% by volume, closed cell type structure) i/c cutting and placing in position. complete in all respect.				-
	c) 2" thick	100 Sft	1.46	12,039.60	17,577.82
33	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc.				-
	ii) 500 gauge (.005" thick)	Per Sft	292.00	7.85	2,292.20
	Khurras				-
34	Khurras on roof 2'x2'x6" (600 x 600 x 150 mm)	Each	2.00	854.35	1,708.70
	Bottom Khurras				-
35	Bottom Khurras of brick masonry in cement mortar 1:6, 4'x2'x4 1/2" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	2.00	1,746.65	3,493.30
	Shed				-
	Excavation				-
36	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				-
	a) By Manual				-
	ii) in ordinary soil.	1000Cft	1.86	11,658.25	21,684.35
	Anti-Termite				-
37	Spraying termite proofing by using liquid FMC/Biflex/Terminex Exin/Ms Hexte, or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	Sft	818.00	9.25	7,566.50

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	Plain Cement Concrete				
38	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
	(i) Ratio 1: 4: 8	100 Cft	1.16	28,929.30	33,557.99
	Concrete Work				
39	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.):-				
	In Foundation				
	(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				
	(2) Type B (nominal mix 1: 1.5: 3)	P.Cft	522.98	572.95	2,99,641.39
	Above foundation				
	(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:-				
	(2) Type B (nominal mix 1: 1½: 3)	P.Cft	-	-	-
	Steel Work.				
40	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				
	Deformed bars (Grade-60)	100kg	29.90	31,802.05	9,50,881.30
	Brick work in Foundation				
41	Pacca brick work in foundation and plinth in:- Cement, sand mortar:- Ratio 1:5	100 Cft	4.80	28,486.30	1,36,734.24
	Cement Plaster				
42	Cement plaster 1:4 upto 20' (6.00 m) height:- 3/4" (20 mm) thick	100 Sft	2.03	4,373.00	8,877.19
	Sand Filling				
43	Supplying and filling sand under floor; or plugging in wells.	100 Cft	4.80	2,823.30	13,551.84
	Sub Base Course				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
44	Providing and laying sub-base course of stone product of approved quality and grade including, placing, mixing, spreading and compaction of sub base material to required depth, camber and grade to achieve 98% maximum dry density determined according to AASHTO T-180 method-D, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	1.58	15,000.00	23,700.00
	Water Bound Macadam				-
45	Providing and laying base course of crushed stone (Water Bound Macadam) of approved quality and grade including, placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHTO dry density, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from sargodha quarry to site, actual compacted depth shall be considered for payment)	100Cft	1.58	21,000.00	33,180.00
	Tuff Paver				-
46	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)				-
	c) 80-mm thick	Per Sft	480.00	194.65	93,432.00
47	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	733.66	119.70	87,819.10
	Parking Shed				-
48	Providing, laying and fixing in position Pre-Engineered shed as per drawings and manufacturer's specifications and as directed by Engineer Incharge. This item includes Aluzinc corrugated sheet of 0.5 to 0.9 mm thick (50-90 gm/sqm) fixed with rivet and bolts over GI Purlins 200x6 (OSF) 200 to 500 (Web)X4 200X6 (ISF) as shown in drawing No. ST-14 with approved Colour/ paint fitted with J-Type bolt having length 500 mm as shown in drawing. This item includes all kind of leads, lifts, fitting charges etc. complete in all respect excluding Cost of substructure i.e. foundation. Approval of manufacturer must be sought from Engineer Incharge prior to placement of order.	Sft	480.00	2,373.15	11,39,112.00
Total Rs.					35,11,171.89

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
WORK SHOP					
PLUMBING WORKS					
	Schedule Item				
	Indian W.C				
1	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.				
	i) white	Each	1.00	2,218.30	2,218.30
2	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete.				
	i) white	Each	1.00	2,649.10	2,649.10
3	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.				
	i) white, with pedestal	Each	1.00	5,169.95	5,169.95
4	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	Each	1.00	2,228.75	2,228.75
5	Providing and fixing, chromium plated soap dish.	Each	1.00	278.75	278.75
6	Providing and fixing looking glass 55x40 cm (22"x16") size	Each	1.00	638.15	638.15
7	Providing and fixing chromium plated bib cock:-				
	i) 2 cm (¾")	Each	1.00	1,015.00	1,015.00
8	Providing and fixing chromium plated tee stop cock 15mm (½").	Each	3.00	955.00	2,865.00
9	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating:-				
	i) 10x5 cm (4"x2")	Each	1.00	627.75	627.75
10	Providing and fitting 10 cm (4") gully trap, including cement concrete, cost of PVC grating 15x15 cm (6"x6") and masonry chamber 30x30 cm (12"x12").	Each	1.00	1,084.60	1,084.60
11	Providing and fitting "P" trap:-				
	ii) 10 cm (4") glazed.	Each	2.00	283.10	566.20
	PPRC Pipe				
12	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/ Popular /Beta/ BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal / External Diameters mentioned).				
	b) PN-20 pipe				
	(i) (1/2") 20 mm	Rft	40.00	48.75	1,950.00
	(ii) (3/4") 25 mm	Rft	25.00	66.50	1,662.50
	Valve				

13	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified dia meter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.				
	ii) 3/4" dia				
	uPVC Pipe	Each	2.00	1,434.00	2,868.00
14	Providing, fixing, testing and commissioning of μ -PVC (Unplasticized polyvinyl Chloride)Nikasi /waste pipe make of dadex/Popular/Beta/BBJ plain/ socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio)including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge				
	Type (SDR 41/SN-4)				
	(iii) 2"(60 mm)	Rft	10.00	88.45	884.50
	(v) 4"(110 mm)	Rft	30.00	217.25	6,517.50
	Total Rs. (A)				33,224.05
	Non-Schedule Item				
15	Providing and making Manhole 2'x2' internal size including 9" thick brick masonry (1:4), 1/2" th. Plastering (1:3) i/side, benching with PCC 1:2:4 4" th. with cement finish, including manhole cover, complete in all respects.	Each	1.00	18,220.00	18,220.00
	Total Rs. (B)				18,220.00
	Total Amount Rs. (A + B)				51,444.05

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
WORK SHOP					
ELECTRICAL WORKS					
Scheduled Items (A)					
1	Supply and erection of PVC pipe for wiring recessed in walls, including bends, inspection joints, boxes, pull boxes, hook, cutting and repair surface etc. completed with all specified. (20 mm i/d)	Rft.	400.00	81.70	32,680.00
2	Supply and erection of PVC pipe for wiring recessed in walls, including bends, inspection joints, boxes, pull boxes, hook, cutting and repair surface etc. completed with all specified. (25 mm i/d)	Rft.	250.00	94.60	23,650.00
3	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (3.029)	Rft.	190.00	25.70	4,883.00
4	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (7.029)	Rft.	400.00	44.05	17,620.00
	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (7.036)	Rft.	120.00	40.75	4,890.00

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
5	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. (4"x4")	Each	3.00	270.50	811.50
6	Supply and erection of switches 10/15 Amp. (Recessed Type)	Each	3.00	87.35	262.05
7	Supply and erection of 3 pin switch and Plug combined recessed type (10/15Amps)	Each	7.00	149.80	1,048.60
8	Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete				-
	(ii) Single rod (40 watts) with one choke and one starter.	Each	3.00	1,221.70	3,665.10
9	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas /G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.				-
	(a) Plastic body (ii) 12 " dia	Each	1.00	3,133.00	3,133.00
	Sub Total (A)				92,643.25
10	Supply, Installation, testing and commissioning of following size 56" ceiling fan, complete with capacitor, hanging rod, canopy, blades, dimmers nuts and bolts complete in all respect.	Each	1.00	7,000.00	7,000.00
11	Supply, installation and commissioning FLOOD LIGHT BVP151 LED50NW 220240V 50W with all accessories complete in all respects	Each	3.00	35,035.00	1,05,105.00
	Sub Total (B)				1,12,105.00
	Sub Total (A+B)				2,04,748.25

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
PARKING SHED (SIZE 75' x 32')					
CIVIL WORK					
	Schedule Item				
	Excavation				
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.	1000Cft	2.70	10,677.75	28,829.93
	Anti-Termite				-

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
2	Spraying termite proofing by using liquid FMC/Biflex/Terminex Exin/Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	Sft	3,076.00	9.25	28,453.00
	Plain Cement Concrete				-
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				-
	(i) Ratio 1: 4: 8	100 Cft	1.69	28,929.30	48,890.52
	Concrete Work				-
4	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.):-				-
	In Foundation				-
	(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				-
	(2) Type B (nominal mix 1: 1.5: 3)	P.Cft	1,033.88	457.75	4,73,258.57
	Steel Work.				-
5	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				-
	Deformed bars (Grade-60)	100kg	59.11	31,802.05	18,79,819.18
	Sand Filling				-
6	Supplying and filling sand under floor; or plugging in wells.	100 Cft	24.00	2,823.30	67,759.20
	Sub Base Course				-

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
7	Providing and laying sub-base course of stone product of approved quality and grade including, placing, mixing, spreading and compaction of sub base material to required depth, camber and grade to achieve 98% maximum dry density determined according to AASHTO T-180 method-D, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	7.92	15,000.00	1,18,800.00
	Water Bound Macadam				-
8	Providing and laying base course of crushed stone (Water Bound Macadam) of approved quality and grade including, placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHTO dry density, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from sargodha quarry to site, actual compacted depth shall be considered for payment)	100Cft	7.92	21,000.00	1,66,320.00
	Tuff Paver				-
9	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured) c) 80-mm thick				-
10	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Per Sft	2,400.00	194.65	4,67,160.00
	Parking Shed	Cft	1,069.97	119.70	1,28,075.41
11	Providing, laying and fixing in position Pre-Engineered shed as per drawings and manufacturer's specifications and as directed by Engineer Incharge. This item includes Aluzinc corrugated sheet of 0.5 to 0.9 mm thick (50-90 gm/sqm) fixed with rivet and bolts over GI Purlins 200x6 (OSF) 200 to 500 (Web)X4 200X6 (ISF) as shown in drawing No. ST-14 with approved Colour/ paint fitted with J-Type bolt having length 500 mm as shown in drawing. This item includes all kind of leads, lifts, fitting charges etc. complete in all respect excluding Cost of substructure i.e. foundation. Approval of manufacturer must be sought from Engineer Incharge prior to placement of order.	Sft	2,400.00	2,420.00	58,08,000.00
Total Rs.					92,15,365.80

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
Scheduled Items (A)					
1	Supply and erection of PVC pipe for wiring recessed in walls, including bends, inspection joints, boxes, pull boxes, hook, cutting and repair surface etc; te. completed with all specified. (25 mm i/d)	Rft.	280.00	94.60	26,488.00
2	Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (3.029)	Rft.	40.00	25.70	1,028.00
3	Supply and erection of single core PVC insulated copper conductor cables, in pre-laid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (7.036)	Rft.	510.00	40.75	20,782.50
4	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. (4"x4")	Each	1.00	372.25	372.25
5	Supply and erection of switches 10/15 Amp. (Recessed Type)	Each	2.00	87.35	174.70
Sub Total (A)					48,845.45
6	Supply, installation and commissioning FLOOD LIGHT BVP151 LED50NW 220240V 50Wwith all accessories complete in all respects	Each	3.00	35,035.00	1,05,105.00
Sub Total (B)					1,05,105.00
Sub Total (A+B)					1,53,950.45

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
PARKING SHED (SIZE 60' x 32')					
CIVIL WORK					
	Schedule Item				
	Excavation				
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.	1000Cft	2.03	10,677.75	21,675.83
	Anti-Termite				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
2	Spraying termite proofing by using liquid FMC/Biflex/Terminex Exin/Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	Sft	2,427.00	9.25	22,449.75
	Plain Cement Concrete				-
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				-
	(i) Ratio 1: 4: 8	100 Cft	1.27	28,929.30	36,740.21
	Concrete Work				-
4	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.):-				-
	In Foundation				-
	(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				-
	(2) Type B (nominal mix 1: 1.5: 3)	P.Cft	779.63	672.80	5,24,535.06
	Steel Work.				-
5	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				-
	Deformed bars (Grade-60)	100kg	44.57	31,802.05	14,17,417.37
	Sand Filling				-
6	Supplying and filling sand under floor, or plugging in wells.	100 Cft	19.20	2,823.30	54,207.36
	Sub Base Course				-

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
7	Providing and laying sub-base course of stone product of approved quality and grade including, placing, mixing, spreading and compaction of sub base material to required depth, camber and grade to achieve 98% maximum dry density determined according to AASHTO T-180 method-D, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	6.34	15,000.00	95,100.00
	Water Bound Macadam				-
8	Providing and laying base course of crushed stone (Water Bound Macadam) of approved quality and grade including, placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHTO dry density, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from sargodha quarry to site, actual compacted depth shall be considered for payment)	100Cft	6.34	21,000.00	1,33,140.00
	Tuff Paver				-
9	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)				-
	c) 80-mm thick	Per Sft	1,920.00	194.65	3,73,728.00
10	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	806.43	119.70	96,529.67
	Parking Shed				-
11	Providing, laying and fixing in position Pre-Engineered shed as per drawings and manufacturer's specifications and as directed by Engineer Incharge. This item includes Aluzinc corrugated sheet of 0.5 to 0.9 mm thick (50-90 gm/sqm) fixed with rivet and bolts over GI Purlins 200x6 (OSF) 200 to 500 (Web)X4 200X6 (ISF) as shown in drawing No. ST-14 with approved Colour/ paint fitted with J-Type bolt having length 500 mm as shown in drawing. This item includes all kind of leads, lifts, fitting charges etc. complete in all respect excluding Cost of substructure i.e. foundation. Approval of manufacturer must be sought from Engineer Incharge prior to placement of order.	Sft	1,920.00	2,395.00	45,98,400.00
	Total Rs.				73,73,923.26

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
PARKING SHED (SIZE 60' x 32')					
ELECTRICAL WORKS					
Scheduled Items (A)					
1	Supply and erection of PVC pipe for wiring recessed in walls, including bends, inspection joints, boxes, pull boxes, hook, cutting and repair surface etc. completed with all specified. (25 mm i/d)	Rft.	350.00	94.60	33,110.00
2	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (3.029)	Rft.	50.00	25.70	1,285.00
3	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only). (7.029)	Rft.	620.00	40.75	25,265.00
4	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. (4"x4")	Each	1.00	271.00	271.00
5	Supply and erection of switches 10/15 Amp. (Recessed Type)	Each	1.00	87.35	87.35
Sub Total (A)					60,018.35
6	Supply, installation and commissioning FLOOD LIGHT BVP151 LED50NW 220,240V 50W with all accessories complete in all respects	Each	2.00	35,035.00	70,070.00
Sub Total (B)					70,070.00
Sub Total (A+B)					1,30,088.35

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
WASHING PIT					
CIVIL WORK					
Excavation					
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.	1000Cft	0.94	10,677.75	10,037.09
Sand Filling					
2	Supplying and filling sand under floor, or plugging in wells.	100Cft	1.26	2,823.30	3,557.36
Plain Cement Concrete					

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				-
	(f) Ratio 1: 2: 4	100 Cft	1.25	38,126.10	47,657.63
	(i) Ratio 1: 4: 8	100 Cft	3.21	28,929.30	92,863.05
	Brick work in Foundation				-
4	Pacca brick work in foundation and plinth in:-				-
	Cement, sand mortar:- Ratio 1:4	100 Cft	8.02	29,441.50	2,36,120.83
	Concrete Work				-
5	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.):-				-
	In Foundation				-
	(a)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				-
	(3) Type C (nominal mix 1: 2: 4)	P.Cft	541.04	618.60	3,34,687.34
	Above foundation				-
	(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:-				-
	(3) Type C (nominal mix 1: 2: 4)	P.Cft	281.70	572.95	1,61,400.02
	Steel Work.				-
6	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				-
	Deformed bars (Grade-60)	100kg	24.68	31,802.05	7,84,874.59
	Plaster				-
7	Cement plaster 1:3 upto 20' (6.00 m) height:-				-
	b) ½" (13 mm) thick	100 Sft	2.83	3,420.40	9,679.73
	Mosaic flooring				-
8	1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :-				-
	(a) using grey cement	100 Sft	1.05	19,568.55	20,546.98

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	Mosaic dado or skirting				
9	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing:				
	(a) using grey cement:				
	ii) ½"(13 mm) thick	100 Sft	2.83	20,961.80	59,321.89
	M.S Grating				
10	Providing and fixing M.S Grating comprising of Angle Iron frame size 1.50" x 1.50" x 3/16" and 1/2" square bars duly welded @ 4" c/c, including painting charges etc complete in all respect.	Sft	60.00	1,722.85	1,03,371.00
11	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	1,138.22	119.70	1,36,244.93
Total Amount Rs.					20,00,362.44

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
EXTERNAL WORK					
CIVIL WORK					
BOUNDARY & PARTITION WALL					
	Excavation				
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.	1000Cft	0.76	10,677.75	8,115.09
	Anti-Termite				
2	Spraying termite proofing by using liquid FMC/Biflex/Terminex Exin/Ms Hextar or equivalent @ specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	Sft	813.00	9.25	7,520.25
	Plain Cement Concrete				
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
	(i) Ratio 1: 4: 8	100 Cft	1.27	28,929.30	36,740.21
	Brick work in Foundation				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
4	Pacca brick work in foundation and plinth in- Cement, sand mortar:- Ratio 1:5	100 Cft	4.93	22,086.30	1,09,897.66
	Horizontal D.P.C				
5	Providing and laying damp proof course of cement concrete 1 : 2 : 4 (using cement, sand and shingle), including bitumen coating :-				
	(a) with one coat bitumen and one coat polythene sheet 500gauge				
	i) 1½" thick (40 mm)	100 Sft	0.53	8,629.95	4,573.87
	Vertical D.P.C				
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:-				
	(a) with one coat of bitumen and one coat of polythene sheet 500 gauge:				
	ii) Ratio 1:3 ¾" thick (20 mm)	100 Sft	0.95	6,236.05	5,924.25
	Brick work in Super Structure				
4	Pacca brick work in ground floor:-				
	i) Cement, sand mortar:- Ratio 1:5	100 Cft	11.30	30,670.10	3,46,572.13
	Cement Plaster				
5	Cement plaster 1:4 upto 20' (6.00 m) height:-				
	¾" (20 mm) thick	100 Sft	14.39	4,373.00	62,927.47
	Pointing				
6	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:-				
	a) ratio 1:2	100 Sft	14.39	1,516.15	50,597.60
7	Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.	100 Sft	14.39	652.50	9,389.48
	Distemping				
8	Distemping:-				
	ii) three coats	100 Sft	14.39	1,295.00	18,635.05
9	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	120.02	119.70	14,378.36
	Total Rs. "A"				7,05,801.02
	Tuff Power				
	Borrow Earth				
10	Earthwork in ordinary soil for embankment including ploughing and mixing with blade grade or disc harrow or other suitable equipment and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all respects:- 90% to 95% maximum modified dry density as determined according to AASHTO T-99 method-D including Transportation of earth.	1000 Cft	7.55	17,272.30	1,30,024.37

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
Sub Base Course					
11	Providing and laying sub-base course of stone product of approved quality and grade including, placing, mixing, spreading and compaction of sub base material to required depth, camber and grade to achieve 98% maximum dry density determined according to AASHTO T-180 method-D, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	30.87	15,000.00	4,63,050.00
Water Bound Macadam					
12	Providing and laying base course of crushed stone (Water Bound Macadam) of approved quality and grade including, placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHTO dry density, including carriage of all material to site of work complete in all respect as per specifications and as directed by the engineer incharge. (Crushed stone aggregate from sargodha quarry to site, actual compacted depth shall be considered for payment)	100Cft	30.87	21,000.00	6,48,270.00
Tuff Paver					
13	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)				
	c) 80-mm thick	Per Sft	9,355.00	194.65	18,20,950.75
Total Rs. "B"					30,62,299.12
Total Rs. "A+B"					37,68,110.13

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
EJECTOR PUMP					
1	P/F Ejector Pump of specified Suction and Delivery heads, coupled with Single Phase Seimen Electric Motor of required rating for water supply i/c the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge.				
	ii) G-IV (2-1/2"x2") with 2.5 HP Electric Motor, 38-Mtr Suction and 38 M delivery head	Each	1.00	19,360.00	19,360.00
Boring					
2	Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	withdrawing of casing pipe, complete:-				
	c) 5" (125 mm) i/d	Rft	100.00	646.70	64,670.00
3	Boring for tubewell in all types of soil except shingle, gravel & rock, from a depth of 100.1 ft. to 200 ft. (30 to 60 m) below ground level, including sinking and withdrawing of casing pipe, complete:-				-
	a) 5" (125 mm) i/d	Rft	100.00	1,083.25	1,08,325.00
4	Providing and installing P.V.C. blind pipe, B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.				-
	b) 4" i/d (100 mm)	Rft	50.00	451.30	22,565.00
5	Providing and installing P.V.C. blind pipe, B.S.S. Class 'D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.				-
	b) 1½" i/d (40 mm)	Rft	200.00	37.80	7,560.00
	c) 2" i/d (50 mm)	Rft	70.00	40.20	2,814.00
6	Providing and installing, P.V.C. strainer B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents, etc. complete:-				-
	a) 3" i/d (75 mm)	Rft	30.00	43.95	1,318.50
7	Providing and installing P.V.C. Bail/End plug, in tubewell bore hole:-				-
	a) B.S.S. Class 'B'				-
	i) 3" i/d (75 mm)	Rft	1.00	92.00	92.00
	Total Amount Rs.				2,26,704.50

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
EXTERNAL WTER SUPPLY					
	Excavation				
1	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	1000Cft	1.58	8,321.30	13,147.65
	HDPE Pipe				-
2	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe, Beta/ Dadex/Popular/ IIL or equivalent including the cost of specials, in trenches, as approved & directed by the engineer incharge, complete in all respects				-
	c) PN-10 (SDR-17)				-
	3) 40 mm	Rft	200.00	53.10	10,620.00
	4) 50 mm	Rft	25.00	78.65	1,966.25
	Valve				-

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
3	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified dia meter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.				
	v) 1-1/2" dia	Each	2.00	2,289.60	4,579.20
	vi) 2" dia	Each	2.00	369.60	739.20
	Pump				
4	Providing, installing, Fixing and commissioning of reciprocating pump with a capacity of 30 USGPM against a total head of 90 ft Cast Iron, Cylinder & Piston Rod in S.S., Crank Shaft in super finish S.G. Iron, Gland Nut in Brass and abrasion proof silently working Valves fitted on easily Feat accessible S.S., ABS or Cast Iron Valve Plate with Brass Seats, All Gaskets are in Rubber and Rocker Rail in Galvanized Mild Steel with Insulation Bushes complete system installed upto satisfaction of engineer in charge, complete in all respects	Each	1.00	40,000.00	40,000.00
	Total Rs				71,052.30

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
EXTERNAL SEWERAGE SYSTEM					
	Excavation				
1	Earth work excavation in open cutting for sewers and manholes as shown in drawing including shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension 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. (0 to 2.10 m) depth	1000Cft	2.63	12,836.55	33,760.13
	Sand Filling				
2	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	100Cft	7.50	3,786.00	28,395.00
	uPVC Pipe				
3	Providing, fixing, testing and commissioning of u-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.				
	a) Type (SDR 34/SN-8)				
	i) 6" dia 150mm	Rft	250.00	1,144.35	2,86,087.50
	ii) 8" dia 200 mm	Rft	50.00	1,723.60	86,180.00
4	Providing and making Manhole 2'x2' internal size including 9" thick brick masonry (1:4), 1/2" th. Plastering (1:3) i/side, benching with PCC 1:2:4 4" th. with cement finish, including manhole cover, complete in all respects.	Each	5.00	18,148.97	90,744.85

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	Total Rs				5,25,167.48

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
SEPTIC TANK CIVIL WORK					
Excavation					
1	Earth work excavation in open cutting for sewers and manholes as shown in drawing including shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension 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. (0 to 2.10 m) depth	1000Cft	0.33	12,836.55	4,236.06
Plain Cement Concrete					
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				
	(f) Ratio 1: 2: 4	100 Cft	0.08	38,126.10	3,050.09
	(i) Ratio 1: 4: 8	100 Cft	0.27	28,929.30	7,810.91
Brick work					
3	Pacca brick work other than building upto 10ft. (3 m)				
	Ratio 1:3	100 Cft	2.28	31,959.10	72,866.75
Concrete Work					
4	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:-				
	Type C (nominal mix 1: 2: 4)	P.Cft	16.88	556.50	9,393.72
Steel Work.					
5	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				
	Deformed bars (Grade-60)	100kg	0.42	31,802.05	13,356.86
Cement Pointing					
6	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:-				
	a) ratio 1:2	100Sft	2.64	3,516.15	9,282.64

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	RCC Manhole Cover				
7	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.	Each	2.00	11,561.15	23,122.30
	Angle Iron Step				
8	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels.	Each	14.00	590.90	8,272.60
9	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	47.48	119.70	5,683.36
Total Amount Rs.					1,57,075.28

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
EXTERNAL DRAINAGE SYSTEM					
	Excavation				
1	Earth work excavation in open cutting for sewers and manholes as shown in drawing including shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension 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. (0 to 2.10 m) depth	1000Cft	0.88	12,836.55	11,296.16
	Sand Filling				
2	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	100Cft	2.50	3,786.00	9,465.00
	uPVC Pipe				
3	Providing, fixing, testing and commissioning of u-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.				
	a) Type (SDR 34/SN-8)				
	i) 6" dia 150mm	Rft	50.00	1,144.35	57,217.50
	ii) 8" dia 200 mm	Rft	50.00	1,723.60	86,180.00
4	Providing and making Manhole 2'x2' internal size including 9" thick brick masonry (1:4), 1/2" th. Plastering (1:3) i/side, benching with PCC 1:2:4 4" th. with cement finish, including manhole cover, complete in all respects.	Each	1.00	18,148.97	18,148.97
Total Rs					1,82,307.63

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
SILT HOLDING TANK					
Excavation					
1	Earth work excavation in open cutting for sewers and manholes as shown in drawing including shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension 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. (0 to 2.10 m) depth	1000Cft	0.32	12,836.55	4,107.70
Plain Cement Concrete					
2	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4 (i) Ratio 1: 4: 8	100 Cft 100 Cft	0.05 0.13	38,126.10 28,999.30	1,906.31 3,769.91
Concrete Work					
3	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:-				
	Type C (nominal mix 1: 2: 4)	P.Cft	127.13	556.50	70,747.85
Steel Work.					
4	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				
	Deformed bars (Grade-60)	100kg	3.81	31,802.05	1,21,165.81
C.I Cover					
5	Supply and fitting of cast iron manhole cover with frame, etc. complete. iii) 60 cm (24") dia	Each	1.00	2,426.00	2,426.00
Angle Iron Step					
6	Providing and fixing 1/4"x1/4"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels.	Each	5.00	610.95	3,054.75
C.I Vent Pipe					
7	Providing, laying, cutting, jointing, testing and disinfecting cast iron pipe line (BS-2035) in trenches, with flanged and flanged joints, complete in all respects:-				
	a) 3" (75 mm) i/d	Rft	5.00	1,284.65	6,423.25

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
8	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone 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. (crushed stone aggregate and bajri used in concrete items) (Lead 273 Km)	Cft	124.19	119.70	14,865.54
Total Rs					2,28,467.11

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
EXTERNAL ELECTRICAL WORKS					
Scheduled Items (A)					
Excavation					
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)				
	a) By Manual				
	ii) in ordinary soil.				
	RCC Foundation for Poles	1000Cft	3.29	10,677.75	35,129.80
2	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)(iii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a) (i)&(ii) above not requiring form work (i.e. horizontal shuttering) complete in all respects:-				
	(3) Type C (nominal mix 1: 2: 4)				
	Steel Work	Cft	144.00	513.65	73,965.60
3	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-				
	(b) Deformed bars (Grade-40)				
4	Supply and erection of 3 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 only). (7.029)	100Kg	3.60	31,802.05	1,14,487.38
5	Supply and erection PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:-	Rft.	600.00	105.15	63,090.00
	i) 50 mm i/d	Rft	900.00	185.85	1,67,265.00

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
7	Supply and erection of copper conductor cables for service connection, in pre-laid pipe/G.I. wire / trenches, etc. (rate for cable only):-				
	a) PVC Insulated, PVC sheathed twin core, 250/440 volts.				
	v) 7/1.12 mm (7/0.044")		1,150.00	160.00	1,84,000.00
	b) PVC insulated, PVC sheathed 3 core, 600/1000 volt cable:-				
	v) 7/1.12 mm (7/0.044")	Rft	320.00	246.85	78,992.00
	c) PVC Insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				
	vi) 10 mm (7/0.052")	Rft	290.00	523.85	1,51,916.50
	vii) 16mm (7/0.064")	Rft	100.00	642.90	64,290.00
8	Supplying, installation testing and commissioning of Octagonal shape electric street light pole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel, tapered from 225 mm at bottom to 100 mm at top, with 1500 mm x 60 mm dia. arm for luminaire installation, duly G.I. welded with 470x470x20 mm base plate with the help of 4 no triangular stiffeners 100x350x20 mm of GI sheet, with built in junction box with shutter, i/c the cost of nuts & J-rag bolts, duly fixed in pre-laid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer Incharge.				
	a) Single Arm				
	(i) 10 mtr height	Each	6.00	1,06,236.85	6,37,421.10
	b) Double Arm				
	(i) 10 mtr height	Each	2.00	1,09,878.85	2,19,757.70
9	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 65, Philips/Osram/Thorn with corrosion resistant die casted aluminum housing, silicon gas kit, thermally hardened glass complete with LED drivers, surge protection i/c the cost of all accessories/components required for proper operation, fully flexible for future upgradation and easy replacements for maintenance purposes, bucket elevator charges as approved and directed by the Engineer Incharge.				
	c) 120 Lm/Watt				
	(vi) 120 Watt with 14400 Lumens	Each	10.00	56,198.60	5,61,986.00
10	Supply and erection of electric energy meter, including meter testing fee, etc.				
	b) three phase, 4 wires:				
	iii) 3x80 Amp, 400 volts	Each	1.00	14,659.25	14,659.25
11	Supplying, installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in pre-laid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	a) Single Pole				
	(ii) 6-40 Amp (6 KA)				
	DB admin block ,EXT and Shed-01	Each	13.00	1,101.75	14,322.75
	DB Store& shed-02	Each	9.00	1,101.75	9,915.75
	b) Double Pole				
	(ii) 6-40 Amp (6 KA)				
	DB admin block ,EXT and Shed-01	Each	4.00	3,351.75	13,407.00
	DB Store& shed-02	Each	-		
	c) Tripple Pole				
	(iii) 6-63 Amp (10 KA)				
	MPB & All DBs	Each	9.00	8,433.00	75,897.00
13	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights,Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter,Volt Selector Switch, Ammeter selector switch,Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).				
	(a) 6" deep				
	(j) 20~60A				
	DB admin block ,EXT and Shed-01	Cft	1.50	18,634.45	27,951.68
	DB Store& shed-02	Cft	1.50	18,634.45	27,951.68
	MPB	Cft	2.50	18,634.45	46,586.13
15	Supply, insatllation, commissioning and testing of oil cooled type, Step down Power Transformer of specified rating,11/0.415 kV, i/c the cost of lifting hooks, thermometers, LT & HT bushing 5-steps, tap changer, imported double float buchholz relay, 2 earthing terminals, roller wheels, connecting terminals for cables M.S box on transformer in order to cover complete L.T side, all necessary materials required for connections on H.T & L.T side, rated voltage 11000/415/240 V impedance 6.25% or as specified by WAPDA/IEC system earth: Delta / Star, neutral solidly earthed, i/c Wapda testing charges,complete in all respects made of PEL, Siemens, as approved and directed by the Engineer Incharge				
	(ii) 25 KVA	Each	1.00	3,29,488.00	3,29,488.00
16	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth.	Job	3.00	9,592.65	28,777.95
17	Bonding to earth with wire on surface, including cost of wire, clamps, thimbles, etc.				
	a) G.I. wire:				
	i) 8 SWG	Per Rft.	100.00	23.25	2,325.00
Sub Total Scheduled Items: (A)					29,43,583

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
18	Providing and making Manhole 2'x2' internal size including 9" thick brick masonry (1:4), 1/2" th. Plastering (1:3) l/side, benching with PCC 1:2:4 4" th. with cement finish, including manhole cover, complete in all respects.	Each	4.00	18,148.97	72,595.88
19	Supply, installation, testing, and commissioning of following equipment to be installed in already made DB Box for motor including cost of all necessary accessories i.e: contactors, relay, indication lights, with ON/OFF push button complete in all respects.				-
	i) Direct of Line (DOL) Starter for 3HP Motor	Set	1.00	56,200.00	56,200.00
	ii) Direct of Line (DOL) Starter for 5HP Motor	Set	1.00	57,060.00	57,060.00
	Total Cost (Part B)				1,85,855.88
					31,29,439.13

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
DISMANTLING WORK					
CIVIL WORK					
	Tuff Paver				
1	Dismantling brick or flagged flooring without concrete foundation. Shift to MC Store	100Sft	141.05	942.50	1,32,939.63
	M.S Steel Grill				-
2	Dismantling rolled steel beams or iron rails, etc.	100Kg	7.50	909.90	6,824.25
	Verandah				-
	Dismantling				-
3	Dismantling brick work in lime or cement mortar.	100Cft	1.01	4,712.40	4,759.52
4	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same	100Cft	4.05	19,858.40	80,426.52
	Sub Total (A)				2,24,949.92
	Deduction				-
	Deduction of used bricks from original quantity.	1000 No.	1.36	(4,200.00)	(5,712.00)
	Deduction of used steel from original quantity.	Kg	750.00	(100.00)	(75,000.00)
	Sub Total (B)				(80,712.00)
	Grand Total (A+B)				1,44,237.92

Sr No	Description	Unit	Quantity	Quoted Rate (Rs.)	Calculated Amount (Rs.)
ENVIRONMENTAL HEALTH & SAFETY COST					
	Labor Safety				
1	Face Masks (3 PLY)	Nos.	10.00	700.00	7,000.00
2	Safety Gum Shoes	Nos.	15.00	1,350.00	20,250.00
3	Hand Gloves	Nos.	15.00	245.00	3,675.00
4	First Aid Box (Including essential Medicine)	Nos.	1.00	5,000.00	5,000.00
5	Safety Hard Helmets MSA	Nos.	15.00	2,000.00	30,000.00
6	Safety Goggles	Nos.	15.00	550.00	8,250.00
7	Reflective Safety Vests	Nos.	15.00	550.00	8,250.00
					82,425.00

Working Site Safety					
1	Reflective Safety Signs Boards	Nos.	2.00	10,000.00	20,000.00
2	Reflective Safety Barricading Tape	Nos.	2.00	1,500.00	3,000.00
3	Fire Extinguishers DCP	Nos.	1.00	7,000.00	7,000.00
					30,000.00
Total Amount (Rs)					1,12,425.00
G-Total Amount* (Rs)					3,36,37,719.35
PRA Charges @ 5%					16,81,885.97
					3,53,19,605.32

Note: The above bid rate is 0.19% above than the estimated cost.

TERMS & CONDITIONS:

1. The work is to be executed strictly in accordance with the standard specifications for Road & Bridges construction 1971 and working drawings and to the entire satisfaction of the Engineer Incharge.
2. Construction schedule towards completion of work should be provided by the contractor within one week of the issuance of Work Order.
3. The work must be started at site within fortnight from the issuance of work order, otherwise it shall be considered as rescinded automatically. Earnest money and Performance security will be forfeited in favor of MC Vehari without issuance of any notice. Further action will also be taken according to contract agreement.
4. If any item of work not included in the bid but during execution actually required to be executed at site shall be paid after approval of the competent authority.
5. All the conditions of "Revised contract Agreement and amendments upto date & also conditions mentioned the Bid schedule/DNIT will form part of the agreement and binding upon the contractor.
6. Final payment will be released after the testing of civil work and electrical work completed as per specification.
7. All Taxes will be deducted according to the prevailing Government Rules.
8. During execution of work the contractor will be responsible for any loss of public property.
9. The old material if any existing at the site is properly accounted for and existence/extent of such old material is properly recorded.
10. That is work or any segment thereof, being executed under the approved schemes does not, in any case duplicate/overlap with any other scheme, or any segment thereof, of any executing agency/program executed in the past/currently under execution.
11. Memorandums of Articles of Association, in case of Limited Company partnership deed and power of attorney shall be submitted within one week of acceptance for preparing the contract.
12. The quantities mentioned in the letter of acceptance will not be increased without prior approval of the competent authority.
13. There is no omission or ambiguity in the tender terms and conditions which are as per approved DNIT, In case of any error, the approved DNIT will be final.
14. Whole time qualified Engineers for full supervision of work at the scale given in the contract from the date of commencement of the work till its completion will be employed.
15. Modular approach shall be adopted for execution of work
16. All other conditions of tender and terms of agreement shall be fulfilled.
17. Bitumen will be arranged from Attock Petroleum Limited Karachi / PARCO and documentar)' proof to be provided to the Engineer Incharge before release of payment against the work done.
18. Informatory / caution board will be displayed in and around the site of work and all safety

- measures for smooth flow of traffic round the clock taken by the contractor being his sole responsibility.
19. An undertaking will be provided regarding not to sublet the work to any agency at any cost during course of operation of this contract agreement.
 20. Approved subject to fulfillment of codal, legal, financial and contractual formalities by the field formation.
 21. Performance guarantee shall be obtained and formal contract got signed from the contractor as specified.
 22. Any clerical / typographical mistake will be subject to correction at any stage.
 23. The agreement of work will be signed by you in the office of undersigned within one week from the date of issue of this letter.
 24. The actual date of commencement of the work should be intimated by you in writing.
 25. Contract agreement will be executed on E-Stamp paper of RS. 15,000/- in light of Punjab Finance act and the cost shall be borne by your firm.
 26. As per instructions of Punjab Municipal Development Fund Company, (PMDFC) the payment to the contractor will be made after the inspection of the consultant.
 27. It is pertinent to mention here that this order can be cancelled by the authority of this office at any time without informing you the reason of cancellation furthermore you will have no right to challenge the cancellation (if, at any court or forum).
 28. The contractor will also obey all the conditions mentioned in bidding documents.
 29. The Sub Engineer. MC Vehari should be contacted to get the instructions/demarcation at site of work and work should be commenced strictly under the instructions of above said Sub Engineer.


Municipal Officer (Infrastructure)
Municipal Committee,
Vehari

No. & Date even:-

A copy is forwarded for information to:-

1. The AD(R)/Administrator, MC Vehari.
2. The Chief Officer, MC Vehari.
3. The Senior Program Officer, PMDFC Lahore.
4. The Team Leader (PCP Project) ,JERS Consultancy (Pvt.) Ltd, 24-Civic Centre, Quaid-e-Azam Township, Lahore
5. The concerned Sub-Engineer with direction to get start the work at site through contractor as per approved estimate.