



OFFICE OF THE  
MUNICIPAL COMMITTEE, VEHARI

No: 215 /MO(I)/MC-VR Dated: 16/06/2023  
Phone Number (067)-3362650,33-61308,33,64262)  
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**(WORK ORDER)**

To

4/4

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

Subject: **IMPROVEMENT AND REHABILITATION FROM RAILWAY CROSSING TO CANAL ROAD AND CLUB ROAD TO CHUNGI NO.6 & PEOPLE COLONY ROAD IN VEHARI CITY ESTIMATED COST. 158.728 MILLION.**

(Under Punjab Cities Program)

Reference: - Your bid dated 10-04-2023

The rate your Bid/Tender for the scheme cited as subject as approved by competent authority amounting to Rs. 14,30,66,444/- (One Hundred Forty-Three Million Sixty-Six Thousand Four Hundred Forty-Four Rupees Only) with the completion period of Six (09) 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)
<b>P-7 RAILWAY CROSSING TO CANAL ROAD PART - 1</b>					
	<b>Excavation</b>				
1	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:-				
	i) ordinary	1000Cft	14.700	9,016.70	1,32,545
	<b>Compaction of Earthwork</b>				
2	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:				
	i) 95% to 100% maximum modified AASHO dry density.	1000Cft	7.350	1,783.25	13,107

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	<b>Sub Base Course</b>				
3	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	73.500	20,000.00	14,70,000
	<b>Water Bound Macadam</b>				
4	Providing and laying base course of crushed stone ( <b>Water Bound Macadam</b> ) 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 Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	94.500	23,050.00	21,78,225
	<b>Prime Coat</b>				
5	Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg kerosene and 0.5 Kg binder per square metre.	100Sft	211.500	1,800.00	3,80,700
	<b>Carpeting</b>				
	<b>AWC</b>				
6	Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density. (2 inch thick) (iv) 4.5% Bitumen	Per inch thickness per 100Sft.	211.500	17,044.00	36,04,806
	<b>Paint For Traffic Lanes</b>				
7	Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect, as approved and directed by Engineer incharge.				
	ii) 6" wide	Rft	2,800.000	100.00	2,80,000
	<b>Tuff Paver</b>				

Sr. No  
8

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Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
8	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	Sft	14,700.00	215.00	31,60,500
	<b>Road Edging</b>				
9	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	Rft	420.000	100.00	42,000
	<b>P.C.C (Between Asphalt and Tuff Paver)</b>				
10	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (Including carriage of crush)				
	(c) Ratio 1: 1½: 3	100Cft	9.240	38,178.90	3,52,773
	<b>Cat Eyes</b>				
11	Providing & fixing Cat Eyes of size 4"x4"x3/4" duly casted with specified material having plastic strip containing mini retro-reflective glass beads of color white /red/ yellow having specifid reflections, quality & shape i/c the cost of self built in 12mm dia x120mm long steel zinc plate dnail, fixing to road with epoxy/hammering with separate nail complete.				
	b) Aluminum Alloy				
	(i) Dual-Directional				
	(ii) 43x2=86 Glass beads a side	Each	350.000	693.80	2,42,830
12	Providing, fabrication and fixing pole mounted Direction Board/ road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc complete in all respect.				
	(a) G.I Sheet 14 SWG				
	<b>CIRCULAR/TRIANGULAR</b>				
	3 ft size	P. Sft	18.000	948.15	17,067
13	Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts embeded in PCC 1:2:4 etc, complete in all respect				
	(b) 3 inch diameter	Rft	33.000	1,259.95	41,578

Bx

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
14	Lettering and printing of signage /direction boards/ road delineators of any colour by machine i/c cost of Digital Lettering, Lamination & pasting etc complete in all respect.				-
	a) High Intensity Prismatic (HIP) Tape	P. Sft	18.000	1,111.65	20,010
	<b>Total Amount Rs.</b>				<b>1,19,36,141</b>
	<b>DRAINAGE SYSTEM</b>				-
	<b>Dismantling</b>				-
1	c) Dismantling cement concrete 1:2:4 plain.	100Cft	0.324	11,174.60	3,575
	<b>Excavation</b>				-
2	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- i) in ordinary soil.	1000Cft	2.500	9,016.70	22,542
	<b>P.C.C</b>				-
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (Including carriage of crush)				-
	(f) Ratio 1: 2: 4	100Cft	4.820	38,178.90	1,84,022
	<b>Brick Work</b>				-
4	Pacca brick work other than building upto 10ft. (3 m) Cement, sand mortar:- Ratio 1:3	100Cft	0.648	32,796.10	21,253
5	Extra for pacca brick work in steining of wells or any other circular masonry.	100Cft	0.648	33,000.00	21,450
	<b>Plaster</b>				-
6	Cement plaster 1:3 upto 20' (6.00 m) height:- b) ½" (13 mm) thick	100Sft	1.728	4,500.00	7,788
	<b>Gully Grating Chamber</b>				-
7	Constructing standard gully grating chamber, 3'x2½' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects.	Each	20.000	25,000.00	5,00,000
8	Supplying and filling sand under floor; or plugging in wells.	100Cft	10.000	2,943.30	29,433
	<b>uPVC Pipe</b>				-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
9	Providing, fixing, testing and commissioning of $\mu$ -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.				-
	<b>Type (SDR 41/SN-4)</b>				-
	(vii) 8"(200 mm)	Rft	400.000	451.15	1,80,460
	<b>RPC Manhole Cover</b>				
10	Providing and fixing RPC Manhole Cover Manufactured with 100% Reinforced Plastic Composite Material, 650 mm dia with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (Complete) (Certified under ISO 9001-2015)	Each	10.000	15,000.00	1,50,000
	<b>Manhole Cover</b>				-
11	Old/existing Manhole cover and Frame complete set shift to MC store.	Set	10.000	8,500.00	85,000
	<b>Total Amount (Rs)</b>				12,05,523
	<b>ELECTRICAL WORKS</b>				-
	<b>Scheduled Items (A)</b>				-
	<b>Excavation</b>				
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)				-
	<b>a) By Manual</b>				-
	ii) in ordinary soil.	%oCft	4.710	10,677.75	50,292
	<b>RCC Foundation for Poles</b>				
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				-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	all respects:- (Including carriage of crush)				
	(3) Type C (nominal mix 1: 2: 4)	Cft	336.000	600.00	2,01,600
	<b>Steel Work</b>				
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)	100Kg	8.400	35,000.00	2,94,000
4	Supply and erection PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:-				
	i) 50 mm i/d	Rft	1,750.000	150.00	2,62,500
5	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 660/1100 volts grade cable, in prelaid G.I. pipe/M.S. conduits /PVC pipe/G.I. wire/ trenches, etc (rate for cable only):-				
	ii) 6 mm sq (7/0.044")	Rft	280.000	235.00	65,800
6	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire / trenches, etc. (rate for cable only):-				
	b) PVC insulated, PVC sheathed 3 core, 660/1100 volt cable:-				
	iii) 7/0.74 mm (7/0.029")	Rft	560.000	80.00	44,800
	c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				
	vi) 10 mm (7/0.052")	Rft	1,750.000	350.00	6,12,500
	vii) 16 mm (7/0.064")	Rft	100.000	950.00	95,000
7	Supplying, installation testing and commissioning of Octagonal shape electric street light pole, made of hot dipped 4.5 mm thick (7 SWG) galvanized steel ,tappered from 225 mm at bottom to 100 mm at top,with 1500 mmx60 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 prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer Incharge.				
	a) Single Arm				
	(i) 10 mtr height	Each	14.000	1,01,000.00	14,14,000

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
8	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 66 & IK 08 or above Philips/Osram/Thorn or equivalent with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, UV stable & scratch resistant synthetic materials, thermally hardened glass complete with LED Chip (Philips Lumiled/ Cree / Nichia / Osram make or equivalent), programmable LED driver (Harvard/ TCI/ Lumotech/ Philips/ VOSSLOH Schwabe /Lightech make or equivalent), minimum 10kV surge protection rating 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				-
	(v) 90 Watt with 10800 Lumens	Each	14.000	63,295.00	8,86,130
9	Supply and erection of electric energy meter, including meter testing fee, etc.				-
	b) three phase, 4 wires:				-
	ii) 3x50 Amp, 400 volts	Each	1.000	14,659.20	14,659
10	Supply, installation, 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				-
	(i) 10 KVA	Each	1.000	3,00,000.00	3,00,000

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
11	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (1/2") 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	17.000	12,000.00	2,04,000
12	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN /SIEMEN /ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	a) Tripple Pole				-
	(ii) 15-100 Amp (10 KA,15KA)	Each	1.000	9,000.00	9,000
	<b>Sub Total Scheduled Items: (A)</b>				<b>44,54,281</b>
	<b>Part-B</b>				
13	Fabrication, Supply, testing and commissioning of following Light control panels (LCP), floor standing weather proof, IP 65 Rated of appropriate size, made of MS Sheet 16 SWG with hinged door, handle, catcher, 2 coats of antirust and powder coated paint of approved colour, AC3 megnatic contactor, photocell for automatic operation of lights, CBs, Hand/Off/Auto switch, push button and all necessary accessories complete in all respects. LCP shall be manufactured as per specifications, single line diagram complete in all respect up to the satisfaction of Engineer incharge.				
	LCP-3 Phase	No.	1.000	85,000.00	85,000
14	Electric Connection Charges	Each	1.000	95,000.00	95,000
	<b>Total Cost (Part B)</b>				<b>1,80,000</b>
	<b>Grand Total (Part A + Part B)</b>				<b>46,34,281</b>
	<b>Total Amount Rs.</b>				<b>1,77,75,946</b>

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
<b>P-7 CLUB ROAD TO CHUNGI NO. 6 PART - 2</b>					
	<b>ROAD WORK</b>				
	<b>Scarification</b>				
1	Scarifying old road surface including removal of debris within 1 chain (30 m).				



Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
		100 Sft	440.56	25.00	11,014
	<b>Excavation</b>				
2	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:-				
	i) ordinary	1000Cft	20.73	9,016.70	1,86,916
	<b>Compaction of Earthwork</b>				
3	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:				
	i) 95% to 100% maximum modified AASHO dry density.	1000Cft	10.36	1,783.25	18,474
	<b>Sub Base Course</b>				
4	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	103.64	21,000.00	21,76,440
	<b>Water Bound Macadam</b>				
5	Providing and laying base course of crushed stone ( <b>Water Bound Macadam</b> ) 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 Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	103.64	23,050.00	23,88,902
	<b>Prime Coat</b>				
6	Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg kerosene and 0.5 Kg binder per square metre.	100Sft	27.50	1,800.00	49,500
7	Providing and laying bituminous tack coat, using 10 lbs. of bitumen per 100 Sft (0.49 Kg of bitumen per sq.m.)	100Sft	440.56	1,500.00	6,60,840

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	<b>Carpeting</b>				
	<b>AWC</b>				
8	Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density. (2 inch thick) (iv) 4.5% Bitumen	Per inch thickness per 100Sft.	468.06	17,044.00	79,77,615
	<b>Paint For Traffic Lanes</b>				
9	Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect, as approved and directed by Engineer incharge.				
	ii) 6" wide				
	<b>Kerb Stone</b>	Rft	5,182.00	100.00	5,18,200
10	Providing and fixing precast Edge Kerb Stone (4" to 6" thick), of 3500 PSI Compressive Strength, embedded in PCC 1:2:4 over lean concrete 1:4:8 etc. complete in all respect.				
	b) With Painting				
	(i) 14" high				
	<b>Tuff Paver</b>	P.Rft	275.00	516.90	1,42,148
11	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				
	<b>Road Edging</b>	Sft	20,728.00	215.00	44,56,520
12	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.				
	<b>P.C.C (Between Asphalt and Tuff Paver)</b>	Rft	777.00	100.00	77,700
13	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (Including carriage of crush)				
	(c) Ratio 1: 1½: 3				
	<b>Cat Eyes</b>	100Cft	16.19	38,178.90	6,18,116
14	Providing & fixing Cat Eyes of size 4"x4"x3/4" duly casted with specified material having plastic strip containing mini retro-reflective glass beads of color white /red/ yellow having specific reflections, quality & shape i/c the cost of self built in 12mm dia x 120mm long steel zinc plate dnail, fixing to road with epoxy/hammering with separate nail complete.				
	b) Aluminium Alloy				
	(1) Dual-Directional				
	(ii) 43x2=86 Glass beads a side				
		Each	648.00	693.80	4,49,582

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
15	Providing, fabrication and fixing pole mounted Direction Board/ road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc complete in all respect.				-
	(a) G.I Sheet 14 SWG				-
	<b>CIRCULAR/TRIANGULAR</b>				
	3 ft size	P. Sft	30.00	948.15	28,445
16	Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts embedded in PCC 1:2:4 etc, complete in all respect				
	(b) 3 inch diameter	Rft	55.00	1,259.95	69,297
17	Lettering and printing of signage /direction boards/ road delineators of any colour by machine i/c cost of Digital Lettering, Lamination & pasting etc complete in all respect.				-
	a) High Intensity Prismatic (HIP) Tape	P. Sft	30.00	1,111.65	33,350
	<b>Total Amount Rs.</b>				<b>1,98,63,059</b>
	<b>DRAINAGE SYSTEM</b>				
	<b>Dismantling</b>				
1	c) Dismantling cement concrete 1:2:4 plain.	100Cft	0.45	11,174.60	5,028
	<b>Excavation</b>				
2	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- i) in ordinary soil.	1000Cft	4.25	9,016.70	38,321
	<b>P.C.C</b>				
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (Including carriage of crush)				
	(f) Ratio 1: 2: 4	100Cft	8.10	38,178.90	3,09,249
	<b>Brick Work</b>				
4	Pacca brick work other than building upto 10ft. (3 m) Cement, sand mortar:- Ratio 1:3	100Cft	0.91	32,796.16	29,754
5	Extra for pacca brick work in steining of wells or any other circular masonry.	100Cft	0.91	33,000.00	30,030
	<b>Plaster</b>				
6	Cement plaster 1:3 upto 20' (6.00 m) height:-				-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	b) ½" (13 mm) thick	100Sft	2.42	4,500.00	10,890
	<b>Gully Grating Chamber</b>				
7	Constructing standard gully grating chamber, 3'x2½' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects.	Each	34.00	25,000.00	8,50,000
8	Supplying and filling sand under floor; or plugging in wells.	100Cft	17.00	2,943.30	50,036
	<b>uPVC Pipe</b>				
9	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.				-
	<b>Type (SDR 41/SN-4)</b>				-
	(vii) 8"(200 mm)	Rft	680.00	451.15	3,06,782
	<b>RPC Manhole Cover</b>				
10	Providing and fixing RPC Manhole Cover Manufactured with 100% Reinforced Plastic Composite Material, 650 mm dia with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (Complete) (Certified under ISO 9001-2015)	Each	14.00	15,000.00	2,10,000
	<b>Manhole Cover</b>				
11	Old/existing Manhole cover and Frame complete set shift to MC store.	Set	14.00	8,500.00	1,19,000
	<b>Total Amount (Rs)</b>				<b>19,59,091</b>
	<b>ELECTRICAL WORKS</b>				
	<b>Scheduled Items (A)</b>				
	<b>Excavation</b>				
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)				-
	<b>a) By Manual</b>				
	ii) in ordinary soil.	%Cft	8.41	10,677.75	89,800
	<b>RCC Foundation for Poles</b>				
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.):-				-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	(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:- (Including carriage of crush)				-
	(3) Type C (nominal mix 1: 2: 4)	Cft	600.00	600.00	3,60,000
	<b>Steel Work</b>				-
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)	100Kg	15.00	35,000.00	5,25,000
4	Supply and erection PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:-				-
	i) 50 mm i/d	Rft	3,125.00	150.00	4,68,750
5	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 660/1100 volts grade cable, in prelaid G.I. pipe /M.S. conduits /PVC pipe /G.I. wire/ trenches, etc (rate for cable only):-				-
	ii) 6 mm sq (7/0.044")	Rft	500.00	235.00	1,17,500
6	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire / trenches, etc. (rate for cable only):-				-
	b) PVC insulated, PVC sheathed 3 core, 660/1100 volt cable:-				-
	iii) 7/0.74 mm (7/0.029")	Rft	1,000.00	150.00	1,50,000
	c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				-
	vi) 10 mm (7/0.052")	Rft	3,125.00	350.00	10,93,750
	vii) 16 mm (7/0.064")	Rft	100.00	850.00	85,000

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
7	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 mmx60 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 prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer Incharge.				
	a) Single Arm				-
	(i) 10 mtr height				-
		Each	25.00	1,01,000.00	25,25,000
8	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 66 & IK 08 or above Philips /Osram /Thorn or equivalent with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, UV stable & scratch resistant synthetic materials, thermally hardened glass complete with LED Chip (Philips Lumiled /Cree /Nichia /Osram make or equivalent), programmable LED driver (Harvard /TCI /Lumotech /Philips /VOSSLOH Schwabe /Lightech make or equivalent), minimum 10kV surge protection rating 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				-
	(v) 90 Watt with 10800 Lumens				-
	(viii) 150 Watt with 18000 lumens	Each	24.00	63,295.00	15,19,080
		Each	4.00	63,295.00	2,53,180
9	Supply and erection of electric energy meter, including meter testing fee, etc.				
	b) three phase, 4 wires:				-
	ii) 3x50 Amp, 400 volts	Each	1.00	14,659.25	14,659

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
10	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				-
	(i) 10 KVA	Each	1.00	3,00,000.00	3,00,000
11	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	28.00	12,000.00	3,36,000
12	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN /SIEMEN /ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				-
	a) Tripple Pole				-
	(ii) 15-100 Amp (10 KA,15KA)	Each	1.00	9,000.00	9,000
	<b>Sub Total Scheduled Items: (A)</b>				<b>78,46,719</b>
<b>Non Sched ule</b>	<b>Part-B</b>				-
13	Fabrication, Supply, testing and commissioning of following Light control panels (LCP), floor standing weather proof, IP 65 Rated of appropriate size, made of MS Sheet 16 SWG with hinged door, handle, catcher, 2 coats of antirust and powder coated paint of approved colour, AC3 megnatic contactor, photocell for automatic operation of lights, CBs, Hand /Off /Auto switch, push button and all necessary accessories complete in all respects. LCP shall be manufactured as per specifications, single line diagram complete in all respect up to the satisfaction of Engineer incharge.				-
	LCP-3 Phase	No.	1.00	85,000.00	85,000

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
14	Electric Connection Charges	Each	1.00	95,000.00	95,000.00
	<b>Total Cost (Part B)</b>				95,000.00
	<b>Grand Total (Part A + Part B)</b>				1,80,000
	<b>Total Amount Rs.</b>				80,26,719
					2,98,48,869

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
<b>P-8 PEOPLE COLONY ROAD</b>					
<b>ROAD WORK</b>					
<b>Scarification</b>					
1	Scarifying old road surface including removal of debris within 1 chain (30 m).	100 Sft	1,107.73	25.00	27,693
<b>Excavation</b>					
2	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:-				-
	i) ordinary	1000Cft	121.08	9,016.70	10,91,742
<b>Compaction of Earthwork</b>					
3	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete: i) 95% to 100% maximum modified AASHO dry density.	1000Cft	60.54	1,783.25	1,07,958
<b>Sub Base Course</b>					
4	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	605.38	21,000.00	1,27,12,980
<b>Prime Coat</b>					
5	Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg kerosene and 0.5 Kg binder per square metre.	100Sft	60.00	1,800.00	1,08,000
6	Providing and laying bituminous tack coat, using 10 lbs. of bitumen per 100 Sft (0.49 Kg of bitumen per sq.m.)	100Sft	1,107.73	1,500.00	16,61,595



Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	<b>Carpeting</b>				-
	<b>AWC</b>				-
7	Providing and laying plant premixed bituminous carpet, including compaction and finishing to required camber, grade and density. (2 inch thick) (iv) 4.5% Bitumen	Per inch thickness per 100Sft.	1,167.73	17,044.00	1,99,02,790
	<b>Paint For Traffic Lanes</b>				-
8	Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect, as approved and directed by Engineer incharge.				-
	ii) 6" wide	Rft	13,608.00	100.00	13,60,800
	<b>Kerb Stone</b>				-
9	Providing and fixing precast Edge Kerb Stone (4" to 6" thick), of 3500 PSI Compressive Strength, embedded in PCC 1:2:4 over lean concrete 1:4:8 etc. complete in all respect.				-
	b) With Painting				-
	(i) 14" high	P.Rft	1,420.00	516.90	7,33,998
	<b>Paint for Existing Kerb Stone</b>				-
	<b>Painting old surfaces:-</b>				-
10	f) Painting small detached articles, not exceeding one square foot (Sq.m) of painted surface:-				-
	i) first coat	100Nos.	34.00	150.00	5,100
	ii) each subsequent coat	100Nos.	34.00	150.00	5,100
	<b>Tuff Paver</b>				-
11	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	Sft	1,21,075	203.00	2,45,78,225
	<b>Road Edging</b>				-
12	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	Rft	1,475.00	100.00	1,47,500
	<b>P.C.C (Between Asphalt and Tuff Paver)</b>				-
13	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (Including carriage of crush)				-
	(c) Ratio 1: 1½: 3	100Cft	16.22	38,178.90	6,19,262
	<b>Cat Eyes</b>				-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
14	Providing & fixing Cat Eyes of size 4"x4"x3/4" duly casted with specified material having plastic strip containing mini retro-reflective glass beads of color white /red/ yellow having specifid reflections, quality & shape i/c the cost of self built in 12mm dia x120mm long steel zinc plate dnail, fixing to road with epoxy/ hammering with separate nail complete.				-
	b) Aluminium Alloy				-
	(1) Dual-Directional				-
	(ii) 43x2=86 Glass beads a side				-
	(B) Uni-Directional	Each	806.00	693.80	5,59,203
	(ii) 43 Glass beads a side				-
		Each	848.00	693.80	5,88,342
15	Providing, fabrication and fixing pole mounted Direction Board/ road delineator of any shape and size, with specified Sheet and thickness, supported with G.I Channel, (excluding the cost of vertical post and painting) etc complete in all respect.				-
	(a) G.I Sheet 14 SWG				-
	<b>CIRCULAR/TRIANGULAR</b>				-
	3 ft size				-
		P. Sft	48.00	948.15	45,511
16	Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter, including the cost of clamping arrangements, top cover, hold fasts embedded in PCC 1:2:4 etc, complete in all respect				-
	(b) 3 inch diameter	Rft	88.00	1,259.95	1,10,876
17	Lettering and printing of signage /direction boards/ road delineators of any colour by machine i/c cost of Digital Lettering, Lamination & pasting etc complete in all respect.				-
	a) High Intensity Prismatic (HIP) Tape	P. Sft	48.00	1,111.65	53,359
	<b>Total Amount Rs.</b>				<b>6,44,20,034</b>
	<b>DRAINAGE SYSTEM</b>				-
	<b>Dismantling</b>				-
1	c) Dismantling cement concrete 1:2:4 plain.	100Cft	1.36	11,174.60	15,197
	<b>Excavation</b>				-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
2	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:-i) in ordinary soil.	1000Cft	43.20	9,016.70	3,89,521
	<b>P.C.C</b>				-
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):				-
	(i) Ratio 1: 4: 8	100Cft	29.76	38,178.90	11,36,204
	(f) Ratio 1: 2: 4	100Cft	91.86	38,178.90	35,07,114
	<b>Brick Work</b>				-
4	Pacca brick work other than building upto 10ft. (3 m) Cement, sand mortar:- Ratio 1:3	100Cft	107.72	32,796.10	35,32,854
5	Extra for pacca brick work in steining of wells or any other circular masonry.	100Cft	2.72	33,000.00	89,760
	<b>Plaster</b>				-
6	Cement plaster 1:3 upto 20' (6.00 m) height:-				-
	b) ½" (13 mm) thick	100Sft	119.26	4,500.00	5,36,661
	<b>R.C.C Work</b>				-
7	Providing and laying reinforced cement concrete (i/c pre-stressed concrete), using coarse sand and screened graded and washed aggregate, in required shape and design, i/c 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, complete				-
	a).(i) Reinforced cement concrete in roof slab, beams, columns, lintels, girders and other structural members laid in situ or pre-cast laid in position, or pre-stressed members cast in situ, complete in all respect.(Including carriage of crush)				-
	Type C (nominal mix 1:2:4)	P Cft	2,626.00	600.00	15,75,600
	<b>Steel</b>				-
8	Fabrication of mild steel reinforcement for cement concrete, i/c cutting, bending, laying in position, making joints and fastening, i/c cost of bending wire and labour charges for bending of steel reinforcement (also includes removal of rust from deformed bars) Gade 60	100Kg	80.43	32,478.30	26,12,229

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
<b>Gully Grating Chamber</b>					
9	Constructing standard gully grating chamber, 3'x2½' (900x750 mm), with chinaware trap as per PHED Drawing STD/PD No. 3 of 1977, complete in all respects.	Each	48.00	25,000.00	12,00,000
10	Supplying and filling sand under floor; or plugging in wells.	100Cft	30.00	2,943.30	88,299
<b>uPVC Pipe</b>					
11	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.				-
	<b>Type (SDR 41/SN-4)</b>				-
	(vii) 8"(200 mm)	Rft	960.00	451.15	4,33,104
<b>RPC Manhole Cover</b>					
12	Providing and fixing RPC Manhole Cover Manufactured with 100% Reinforced Plastic Composite Material, 650 mm dia with clear opening size 600 mm (24" dia) and RPC manhole frame having dia meter 790 mm (Complete) (Certified under ISO 9001-2015)	Each	42.00	15,000.00	6,30,000
<b>Kerb Stone</b>					
13	Providing and fixing precast Edge Kerb Stone (4" to 6" thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc. complete in all respect.				-
	b) With Painting				-
	(i) 14" high	P.Rft	1,400.00	516.90	7,23,660
<b>Manhole Cover</b>					
14	Old/existing Manhole cover and Frame complete set shift to MC store.	Set	42.00	8,500.00	3,57,000
<b>Total Amount (Rs)</b>					<b>1,68,27,203</b>
<b>ELECTRICAL WORKS</b>					
<b>Scheduled Items (A)</b>					
<b>Excavation</b>					
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)				-
	<b>a) By Manual</b>				-
	ii) in ordinary soil.	%oCft	16.15	10,677.75	1,72,446
<b>RCC Foundation for Poles</b>					
					-

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
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:- (Including carriage of crush)				-
	(3) Type C (nominal mix 1: 2: 4)	Cft	1,152.00	600.00	6,91,200
	<b>Steel Work</b>				-
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)	100Kg	28.80	35,000.00	10,08,000
4	Supply and erection PVC pipe for recessed wiring (main and sub-main) purpose, including bends, specials, etc. in floor, wall or trenches:-				-
	i) 50 mm i/d	Rft	6,000.00	150.00	9,00,000
5	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 660/1100 volts grade cable, in prelaid G.I. pipe/M.S. conduits /PVC pipe/G.I. wire/ trenches, etc (rate for cable only):-				-
	ii) 6 mm sq (7/0.044")	Rft	960.00	235.00	2,25,600
6	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire / trenches, etc. (rate for cable only):-				-
	b) PVC insulated, PVC sheathed 3 core, 660/1100 volt cable:-				-
	iii) 7/0.74 mm (7/0.029")	Rft	1,920.00	150.00	2,88,000
	c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				-
	vi) 10 mm (7/0.052")	Rft	6,000.00	350.00	21,00,000
	vii) 16 mm (7/0.064")	Rft	100.00	850.00	85,000

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
7	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 mmx60 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 prelaid concrete foundation, foundation will be paid additionally as approved and directed by the Engineer Incharge.				
	a) Single Arm				-
	(i) 10 mtr height	Each	16.00	1,01,000.00	16,16,000
	b) Double Arm				-
	(i) 10 mtr height	Each	32.00	1,01,000.00	32,32,000
8	Supplying, installation and commissioning of LED Cobra-head Luminaries of specified wattage and lumens conforming to IP 66 & IK 08 or above Philips /Osram /Thorn or equivalent with corrosion resistant die casted Aluminum housing, silicon gasket in special groove, UV stable & scratch resistant synthetic materials, thermally hardened glass complete with LED Chip (Philips Lumiled /Cree /Nichia /Osram make or equivalent), programmable LED driver (Harvard /TCI /Lumotech/ Philips /VOSSLOH Schwabe/ Lightech make or equivalent), minimum 10kV surge protection rating 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				-
	(v) 90 Watt with 10800 Lumens	Each	80.00	63,295.00	50,63,600
9	Supply and erection of electric energy meter, including meter testing fee, etc.				-
	b) three phase, 4 wires:				-
	ii) 3x50 Amp, 400 volts	Each	1.00	14,659.20	14,659

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
10	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				-
	(iii) 25 KVA	Each	1.00	3,00,000.00	3,00,000
11	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	51.00	12,000.00	6,12,000
12	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN /SIEMEN /ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaiddBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				-
	a) Triple Pole				-
	(ii) 15-100 Amp (10 KA,15KA)	Each	1.00	9,000.00	9,000
	<b>Sub Total Scheduled Items: (A)</b>				<b>1,63,17,505</b>
<b>Non Sched ule</b>	<b>Part-B</b>				-
13	Fabrication, Supply, testing and commissioning of following Light control panels (LCP), floor standing weather proof, IP 65 Rated of appropriate size, made of MS Sheet 16 SWG with hinged door, handle, catcher, 2 coats of antirust and powder coated paint of approved colour, AC3 megnatic contactor, photocell for automatic operation of lights, CBs, Hand /Off/ Auto switch, push button and all necessary accessories complete in all respects. LCP shall be manufactured as per specifications, single line diagram complete in all respect up to the satisfaction of Engineer incharge.				

Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
	LCP-3 Phase				
14	Electric Connection Charges	No.	1.00	85,000.00	85,000.00
		Each	1.00	95,000.00	95,000.00
	<b>Total Cost (Part B)</b>				<b>1,80,000</b>
	<b>Total (Part A + Part B)</b>				<b>1,64,97,505</b>
	<b>Total Amount Rs.</b>				<b>9,77,44,742</b>
	<b>Labor Safety</b>				
1	Face Masks (3 PLY)	Nos	20.00	500.00	10,000.00
2	Safety Gum Shoes	Nos	20.00	5,000.00	1,00,000.00
3	Hand Gloves	Nos	21.00	2,500.00	52,500.00
4	First Aid Box (Including essential Medicine)	Nos	2.00	30,000.00	60,000.00
5	Safety Hard Helmets MSA	Nos	21.00	4,500.00	94,500.00
6	Safety Goggles	Nos	19.00	2,500.00	47,500.00
7	Reflective Safety Vests	Nos	19.00	3,500.00	66,500.00
8	Infrared Thermometer (Benetech GM-2200 OR equivalent)	Nos	1.00	8,000.00	8,000.00
					<b>4,39,000</b>
	<b>Working Site Safety</b>				
1	Reflective Safety Signs Boards	Nos	10.00	55,000.00	5,50,000.00
2	Reflective Safety PVC Cones (18 inch)	Nos	10.00	5,500.00	55,000.00
3	Road Guiding Portable Delineators with Chain	Nos	10.00	4,000.00	40,000.00
4	Reflective Safety Barricading Tape	Nos	20.00	2,500.00	50,000.00
5	Emergency Portable Light	Nos	1.00	4,500.00	4,500.00
6	Solid Waste Collection Drums	Nos	4.00	12,500.00	50,000.00
7	Fire Extinguishers DCP	Nos	5.00	9,500.00	47,500.00
					<b>7,97,000</b>
	<b>Others</b>				
1	Pole Hanging Waste Bins	Nos.	4.00	7,000.00	28,000.00
2	Water Sprinkling (Dust Abatement)	L.S	1.00	1,00,000.00	1,00,000.00
3	Roadside Plantation	L.S	1.00	2,50,000.00	2,50,000.00
					<b>3,78,000</b>
	<b>Total Amount (Rs)</b>				<b>16,14,000</b>
	<b>Grand Total Amount Rs.</b>				<b>14,69,83,556</b>
	Rebate @ 7.3% by M/S Ch. Abdul Ghafoor Goheer				(1,07,29,800)
	<b>Total</b>				<b>13,62,53,757</b>
	Add 5% PRA/PST				68,12,688



Sr. No	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
<b>Grand Total</b>					<b>14,30,66,444</b>

Note: The above bid rate is 6.50% below from Technical Sanctions.

**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. 10,000/- in light of Punjab Finance act 2018 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.

Received by  
M. SAIED  
17-6-23