



OFFICE OF THE
MUNICIPAL COMMITTEE, VEHARI

No: 214 /MO(I)/MC-VR Dated: 16/06/2023

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

Email Address. mcvehari1@gmail.com

(WORK ORDER)

To

3/4

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

Subject: IMPROVEMENT AND REHABILITATION OF SHARQI COLONY ROAD AND SEED FARM ROAD IN VEHARI CITY ESTIMATED COST. 131.437 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. 12,25,90,127 /- (One Hundred Twenty-Two Million Five Hundred Ninety Thousand One Hundred Twenty-Seven 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)
P-4 SHARQI COLONY ROAD					
ROAD WORK					
Excavation					
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	26.57	9,016.70	2,39,574
Compaction of Earthwork					
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	13.28	1,783.25	23,682
Sub Base Course					

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	132.85	18,000.00	23,91,300
	Water Bound Macadam				
4	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 Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	170.75	20,000.00	34,15,000
	Prime Coat				-
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	341.50	1,800.00	6,14,700
	AWC				-
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.	341.50	16,000.00	54,64,000
	Paint For Traffic Lanes				-
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	3,375.00	100.00	3,37,500
	Tuff Paver				-
5	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	26,569.00	202.00	53,66,938
	Road Edging				-
6	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	Rft	1,013.00	75.00	75,975
	P.C.C (Between Asphalt and Tuff Paver)				-
7	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				
	Cat Eyes	100Cft	20.85	38,178.90	7,96,030
8	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 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				-
9	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.	Each	844.00	693.80	5,85,567
	(a) G.I Sheet 14 SWG				-
	CIRCULAR/TRIANGULAR				-
	3 ft size				-
10	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	P.Sft	36.00	948.15	34,133
	(b) 3 inch diameter				-
11	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.	Rft	66.00	1,259.95	83,157
	a) High Intensity Prismatic (HIP) Tape				-
		P. Sft	36.00	1,111.65	40,019
	Total Amount Rs.				1,94,67,575
	DRAINAGE SYSTEM				-
	Dismantling				-
1	c) Dismantling cement concrete 1:2:4 plain.	100Cft	1.39	11,174.60	15,533
	Excavation				-
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	3.25	9,016.70	29,304
	P.C.C				-

BS

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	7.24	38,178.90	2,76,415
	Brick Work				-
4	Pacca brick work other than building upto 10ft. (3 m) Cement, sand mortar:- Ratio 1:3	100Cft	2.79	32,796.10	91,501
5	Extra for pacca brick work in steining of wells or any other circular masonry.	100Cft	2.79	35,000.00	97,650
	Plaster				-
6	Cement plaster 1:3 upto 20' (6.00 m) height:-				-
	b) ½" (13 mm) thick	100Sft	7.43	5,000.00	37,154
	Gully Grating Chamber				-
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	26.00	18,000.00	4,68,000
8	Supplying and filling sand under floor; or plugging in wells.	100Cft	13.00	2,943.30	38,263
	PVC Pipe				-
9	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)				-
	(vii) 8"(200 mm)	Rft	520.00	451.15	2,34,598
	RPC Manhole Cover				-
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	43.00	15,000.00	6,45,000
	Manhole Cover				-
11	Old/existing Manhole cover and Frame complete set shift to MC store.	Set	43.00	8,500.00	3,65,500
	Total Amount (Rs)				22,98,914
	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.	%oCft	17.16	10,677.75	1,83,230

RCC Foundation for Poles					
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	1,224.00	650.00	7,95,600
Steel Work					
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	30.60	35,000.00	10,71,000
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	6,375.00	130.00	8,28,750
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	1,020.00	235.00	2,39,700
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	2,040.00	150.00	3,06,000
	c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				-
	vi) 10 mm (7/0.052")	Rft	6,375.00	550.00	35,06,250
	vii) 16 mm (7/0.064")	Rft	100.00	850.00	85,000

7	Supplying, installation testing and commissioning of Tubular shape electric street light pole, made of hot dipped 3 mm thick (7 SWG) galvanized steel ,tapered from 127 mm at bottom to 60 mm at top,with 1500 mmx60 mm dia. arm for luminaire installation, duly - G.I.welded with 350x350x20 mm base plate with the help of 4 no triangular stiffeners 100x20x100 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) 6 mtr height	Each	51.00	95,000.00	48,45,000
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 /Ligtech 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	51.00	63,295.00	32,28,045
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
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				
	(iii) 25 KVA	Each	1.00		

				3,29,487.70	3,29,488
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	54.00	12,000.00	6,48,000
					-
	Sub Total Scheduled Items: (A)				1,60,80,722
	Part-B				-
12	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 magnetic 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	95,000.00	95,000
13	Electric Connection Charges	Each	1.00	85,000.00	85,000
	Total Cost (Part B)				1,80,000
	Grand Total (Part A + Part B)				1,62,60,722
	Total Amount Rs.				3,80,27,019

BS

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
P-4 SHARQI COLONY LINK ROAD					
	ROAD WORK				
	Excavation				
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	11.20	9,017	1,00,987
	Compaction of Earthwork				
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	5.60	1,783	9,986

	Sub Base Course				
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	56.00	18,000	10,08,000
	Water Bound Macadam				
5	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 Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	80.50	20,000	16,10,000
	Prime Coat				
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	161.00	1,800	2,89,800
	AWC				
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.	161.00	16,000	25,76,000
	Paint For Traffic Lanes				
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	1,400.00	100	1,40,000
	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	Sft	11,200	205	22,96,000
	Road Edging				
10	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	Rft	420.00	75	31,500
	P.C.C (Between Asphalt and Tuff Paver)				

11	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	4.62	38,179	1,76,387
	Cat Eyes				
12	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	Each	350.00	694	2,42,830
13	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				
	CIRCULAR/TRIANGULAR				
	3 ft size	P.Sft	24.00	948	22,756
14	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	44.00	1,260	55,438
15	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	24.00	1,112	26,680
	Total Amount Rs.				85,86,362
	DRAINAGE SYSTEM				
	Dismantling				
1	c) Dismantling cement concrete 1:2:4 plain.	100Cft	0.23	11,175	2,570
	Excavation				
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:-	1000Cft	1.50	9,017	13,525

	i) in ordinary soil.				
	P.C.C				
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	2.93	38,179	1,11,864
	Brick Work				
4	Pacca brick work other than building upto 10ft. (3 m) Cement, sand mortar:- Ratio 1:3	100Cft	0.45	32,796	14,758
5	Extra for pacca brick work in steining of wells or any other circular masonry.	100Cft	0.45	35,000	15,750
	Plaster				
6	Cement plaster 1:3 upto 20' (6.00 m) height:-				
	b) ½" (13 mm) thick	100Sft	1.21	5,000	6,050
	Gully Grating Chamber				
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	12.00	18,000	2,16,000
8	Supplying and filling sand under floor; or plugging in wells.	100Cft	6.00	2,943	17,660
	uPVC Pipe				
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.				
	Type (SDR 41/SN-4)				
	(vii) 8"(200 mm)	Rft	240.00	451	1,08,276
	RPC Manhole Cover				
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	7.00	15,000	1,05,000
	Manhole Cover				
11	Old/existing Manhole cover and Frame complete set shift to MC store.	Set	7.00	8,500	59,500
	Total Amount (Rs)				6,70,953
	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.	%oCft	1.68	10,678	17,939
	RCC Foundation for Poles				
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	120.00	650	78,000
	Steel Work				
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	3.00	35,000	1,05,000
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	625.00	150	93,750
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	100.00	235	23,500
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	200.00	150	30,000
	c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				
	vi) 10 mm (7/0.052")	Rft	625.00	550	3,43,750
	vii) 16 mm (7/0.064")	Rft	100.00	850	85,000

7	Supplying, installation testing and commissioning of Tubular shape electric street light pole, made of hot dipped 3 mm thick (7 SWG) galyanized steel ,tapered from127 mm at bottom to 60 mm at top,with 1500 mmx60 mm dia. arm for luminaire installation, duly G.I.welded with 350x350x20 mm base plate with the help of 4 no triangular stiffeners 100x20x100 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) 6 mtr height	Each	5.00	95,000	4,75,000
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	5.00	63,295	3,16,475
9	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	5.00	12,000	60,000
	Sub Total Scheduled Items: (A)				16,28,414
	Total Amount Rs.				1,08,85,938

Sr. No.	Description	Unit	Quantity	Quoted Unit Rate	Calculated Amount (Rs)
P-5 SEED FARM ROAD					
	ROAD WORK				
	Excavation				

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	54	9,017	4,84,287
	Compaction of Earthwork				
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 AASHTO dry density.	1000Cft	27	1,783	47,898
	Sub Base Course				
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	269	18,000	48,33,900
4	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 Sakhi Sarwar quarry to site, actual compacted depth shall be considered for payment)	100Cft	500	20,000	1,00,02,600
	Prime Coat				
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	1,050	1,800	18,90,486

	Carpeting				
	AWC				
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.	1,050	16,000	1,68,04,320
	Paint For Traffic Lanes				
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	13,398	100	13,39,800
	Tuff Paver				
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	53,710	205	1,10,10,550
	Road Edging				
9	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	Rft	7,650	75	5,73,750
	P.C.C (Between Asphalt and Tuff Paver)				
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	35	38,179	13,50,388
	Cat Eyes				
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) Aluminium Alloy				
	(1) Dual-Directional				
	(ii) 43x2=86 Glass beads a side	Each	1,340	694	9,29,692
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				
	CIRCULAR/TRIANGULAR				
	3 ft size	P. Sft	48	948	45,511
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 embedded in PCC 1:2:4 etc, complete in all respect				
	(b) 3 inch diameter	Rft	88	1,260	1,10,876
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	48	1,112	53,359
	Total Amount Rs.				4,94,77,417
	DRAINAGE SYSTEM				
	Dismantling				
1	c) Dismantling cement concrete 1:2:4 plain.	100Cft	2	11,175	18,104
	Excavation				
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	9	9,017	76,642
	P.C.C				
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	17	38,179	6,45,987
	Brick Work				
4	Pacca brick work other than building upto 10ft. (3 m) Cement, sand mortar:- Ratio 1:3	100Cft	3	32,796	1,06,259
5	Extra for pacca brick work in steining of wells or any other circular masonry.	100Cft	3	35,000	1,13,400
	Plaster				
6	Cement plaster 1:3 upto 20' (6.00				

	m) height:-				
	b) ½" (13 mm) thick	100Sft	9	5,000	
	Gully Grating Chamber				
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	68	18,000	12,24,000
8	Supplying and filling sand under floor; or plugging in wells.	100Cft	34	2,943	1,00,072
	PVC Pipe				
9	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)				
	(vii) 8"(200 mm)	Rft	1,360	451	6,13,564
	RPC Manhole Cover				
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	50	15,000	7,50,000
	Manhole Cover				
11	Old/existing Manhole cover and Frame complete set shift to MC store.	Set	50	8,500	4,25,000
	Total Amount (Rs)				41,16,228
	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.	%oCft	19	10,678	2,01,169
	RCC Foundation for Poles				
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,				

43,200

	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	1,344	650	8,73,600
	Steel Work				
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	34	35,000	11,76,000
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	7,000	150	10,50,000
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	1,120	235	2,63,200
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	2,240	150	3,36,000
	c) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable:-				
	vi) 10 mm (7/0.052")	Rft	7,000	550	38,50,000
	vii) 16 mm (7/0.064")	Rft	100	850	85,000

7	Supplying, installation testing and commissioning of Tubular shape electric street light pole, made of hot dipped 3 mm thick (7 SWG) galvanized steel ,tapered from 127 mm at bottom to 60 mm at top, with 1500 mm x 60 mm dia. arm for luminaire installation, duly G.I. welded with 350x350x20 mm base plate with the help of 4 no triangular stiffeners 100x20x100 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) 6 mtr height	Each	56	95,000	53,20,000
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	56	63,295	35,44,520
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	14,659	14,659

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	3,29,488	3,29,488
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	59	12,000	7,08,000
	Sub Total Scheduled Items: (A)				1,77,51,636
Non Schedule	Part-B				
12	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	95,000	95,000
15	Electric Connection Charges	Each	1	85,000	85,000
	Total Cost (Part B)				1,80,000
	Grand Total (Part A + Part B)				1,79,31,636
	Total Amount Rs.				7,15,25,280
	Labor Safety				
1	Face Masks (3 PLY)	Nos	20	400	8,000
2	Safety Gum Shoes	Nos	20	4,000	80,000
3	Hand Gloves	Nos	21	2,000	42,000

4	First Aid Box (Including essential Medicine)	Nos	2	20,000	
5	Safety Hard Helmets MSA	Nos	21	4,500	
6	Safety Goggles	Nos	19	2,500	
7	Reflective Safety Vests	Nos	19	3,500	
8	Infrared Thermometer (Benetech GM-2200 OR equivalent)	Nos	1	8,000	
	Total				8,000
	Working Site Safety				3,86,500
1	Reflective Safety Signs Boards	Nos	10	55,000	
2	Reflective Safety PVC Cones (18 inch)	Nos	10	5,500	
3	Road Guiding Portable Delineators with Chain	Nos	10	4,000	
4	Reflective Safety Barricading Tape	Nos	20	2,500	
5	Emergency Portable Light	Nos	1	4,500	
6	Solid Waste Collection Drums	Nos	4	12,500	
7	Fire Extinguishers DCP	Nos	5	9,500	
	Total				47,500
	Others				7,97,000
1	Pole Hanging Waste Bins	Nos.	4	7,000	
2	Water Sprinkling (Dust Abatement)	L.S	1	85,000	
3	Roadside Plantation	L.S	1	2,00,000	
	Total				85,000
	Total Amount (Rs)				2,00,000
	Grand Total Amount Rs.				3,13,000
	Rebatē @ 4.25% by M/S Abdul Ghafoor Goheer				12,19,34,728
	Total				(51,82,226)
	Add 5% PRA/PST				11,67,52,503
	Grand Total				58,37,625
					12,25,90,127

Note: The above bid rate is 1.45% 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 contact 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.

- 40
14.50
7.50
00
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,
 - P. M. 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. SAEED
17-6-15