



KARACHI METROPOLITAN CORPORATION

OFFICE OF THE SENIOR DIRECTOR

CLULTURE, SPORTS & RECREATION.

3rd Floor, Left Annex, Civic Centre, Gulshan-e-Iqbal, Karachi.

NO.KMC/CS&R/SR.DIR/PS/_____/2014

Dated: ___ / ___ /2014

NAME OF WORK: Improvement and Renovation of Filter Plant and Electrical work for Swimming Pool at KMC Sports Complex.

Estimated Cost. Rs.4924064Plus Offer Rates

Tender Cost. Rs.3000/- Each.

Earnest Money. 2% of Total Offer Rates.

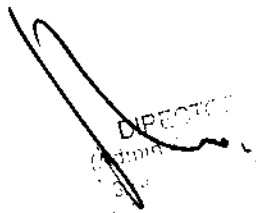
Time Limit. ___ Days.

Penalty Rs. ___ Per day.

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
1	Providing and Laying (Main or Sub Main) PVC insulated PVC sheeted with Single core copper conductor 250/440 volts size 4mm ² .	610	Mtr.	147	89670	Sr.No.46
2	Providing & Laying (Main or Sub main) PVC insulated and PVC sheeted with single core copper conductor 300/500volts size 2-3/.029.	230	Mtr.	69	15870	Sr.No.51
3	Providing & Laying (Main or Sub main) PVC insulated and PVC sheeted with single core copper conductor 300/500volts size 2-7/.044.	150	Mtr.	213	31950	Sr.No.55
4	Providing and Laying (Main or Sub Main) PVC insulated & PVC sheeted with two core conductor 300/500 volts size 4mm ² .	620	Mtr.	170	105400	Sr.No.61
5	Providing & Laying (Main or Sub Main) PVC insulated & PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10mm ² .	420	Mtr.	375	157500	Sr.No.63
6	Providing & laying (Main or Sub Main) PVC insulated PVC Sheeted three core copper conductor 300/500 volts 2.5mm ² .	280	Mtr.	178	49840	Sr.No.65
7	Providing and Laying (Main or Sub Main) PVC insulated PVC sheeted with 4 core copper conductor 300/500volts size 10mm ² .	550	Mtr.	742	408100	Sr.No.101
8	Providing and Laying (Main or Sub Main) PVC insulated PVC sheeted with 4 core copper conductor 300/500volts					


S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
	size 6mm ² .	450	Mtr.	500	225000	Sr.No.100
9	P/L (Main or Sub Main) of PVC Insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16mm ² .	280	Meter	1300	364000	Sr. No.102
10	Providing and Laying (Main or Sub Main) PVC insulated PVC sheeted with 4 core copper conductor 600/1000volts size 35mm ² .	120	Mtr.	2529	303480	Sr.No.104
11	Wiring for light or fan point with 3/029 PVC insulated wiring in 20mm (3/4") channel pattern on surface as required.	5	No	910	4550	Sr.No.129
12	Providing and fixing of M.S tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labour. 20FT (6" dia) x5.5FT (5" dia) x5.5FT (4" dia)= 31ft. Wall thickness 8 SWG. Base plate 18"x18"x3/4" Hole 4 Nos stiffeners 4 Nos 9-1/2"x4-1/2"x1/2" Making window in the pole required size with LN Key provision. Two coats red oxide (2coat) as rust preventive and of required oil paint (2 coat) as per site requirement and instruction of Engineer Incharge.	13	Each	36697	477061	Sr. No.132
13	Construction of RCC foundation as per following specification and instruction of Engineer Incharge for 31ft./40ft. Long tubular pole. Excavation of soft/hard soil 3'x3'x5.5ft. Stone soiling 3'x3'x6" making lean in the ratio 1:4:8 Length of MS bolts 6-1/2'(3/4" dia) 4Nos and making thread on MS rod. Template 16"x16"x1/4". Rings 1/4" dia round bar 4 Nos to be welded with MS rod. RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.	13	No	15168	197184	Sr. No.139
14	Manufacturing Providing and Fixing GI Single Arm double arch as per site requirement instruction of Engineer Incharge with following following specification. GI pipe 2" dia 10 SWG 5ft. Long with canopy. 2 Nos. MS Clamps with nuts & bolts.	13	No	1546	20098	Sr. No.143
15	Providing and fixing of M.S tubular pole as per following specification to be fixed on pre cast					

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
	<p>foundation with the help of hydraulic crane and manual labour.</p> <p>6MTR (6" dia) x3MTR (5" dia) x3MTR (4" dia)= 40ft.</p> <p>Wall thickness 8 SWG.</p> <p>Base plate 18"x18"x3/4"</p> <p>Hole 4 Nos stiffeners 4 Nos 9-1/2"x4-1/2"x1/2"</p> <p>Making window in the pole required size with LN Key provision.</p> <p>Two coats red oxide (2coat) as rust preventive and of required oil paint (2 coat) as per site requirement and instruction of Engineer Incharge.</p>	20	Each	37797	755940	Sr. No.133
16	<p>Providing and fixing of M.S hexagonal pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labour 40ft long with dia of pole at the top 4" and bottom 12"</p> <p>Wall thickness 6mm</p> <p>Base plate 24"x24"x1"</p> <p>stiffeners Nos 12"x6"x1/2"= 8 No.</p> <p>Holes 6 Nos. Making window in the pole required size with LN Key provision.</p> <p>Two coats red oxide (2coat) as rust preventive and of required oil paint (2 coat) as per site requirement and instruction of Engineer Incharge.</p>	5	Each	109843	549215	Sr. No.135
17	<p>Construction of RCC foundation as per following specification and instruction of Engineer Incharge for 40ft/50ft. Long hexagonal pole 18"x6"</p> <p>Excavation of soft/hard soil 4'x4'x9'</p> <p>Stone soiling 4'x4'x6" making lean in the ratio 1:4:8</p> <p>Length of MS bolts 9-1/2"(1" dia) 6Nos and making thread on MS rod .</p> <p>Template 22"x22"x1/4".</p> <p>Rings 1; 1/2" dia round bar 4 Nos to be welded with MS rod.</p> <p>RCC foundation ratio 1:2:4 with appropriate size 2.5'x2.5'x8.5'.</p>	5	No	27180	135900	Sr. No.140
18	<p>Manufacturing providing & fixing angle iron Bracket in polygonal shape to accommodate 8 to 12 nos flood lights fitting 250/400watts with following specification as per site requirement & instruction of Engineer Incharge</p> <p>Angle iron 1.5"inch Length 1.75ftx1.75ft with supporting angles.</p> <p>Canopy 5" dia 1ft long with nuts</p> <p>Over all dia 8ft</p>	5	No	9802	49010	Sr.No.155



 DIRECTOR
 (Signature)
 (Date)

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
19	Providing and fixing of flood light 400Watts (SON) having IP 65 classification with 400Watt lamp, choke, capacitor igniter & internal wiring complete in all respect at the height up to 40ft. with the help of hydraulic crane and manual labour as per site requirement and instruction of Engineer Incharge.	40	No	16980	679200	Sr.No.168
20	Providing & Fixing of street light 2000Watts (HPIT) having 2000Watts lamp, choke, capacitor, igniter & internal wiring complete in all respect at the height up to 40ft. With the help of hydraulic crane & manual labour as per site requirement and instruction of Engineer Incharge.	2	Nos	148360	296720	Sr.No.169
21	Providing & Fixing one way SP 5Amps switch surface type.	24	No	34	816	Sr.No.216
22	Providing & Fixing two pin 5Amps plug and socket.	6	No	80	480	Sr.No.222
23	Providing & Fixing Bakelite ceiling rose with two terminals.	5	No	72	360	Sr.No.228
24	Providing and Fixing Brass Batten holder.	5	No	70	350	Sr.No.232
25	Providing & Fixing Brass Ceiling Fan 56" (good quality).	2	No	3185	6370	Sr.No.235
Total Schedule Items:					4924064	
<u>NON SCHEDULE ITEMS:</u>						
26	P/F Swimming Pool Filter. Brand IML, Origin/Made: Spain Tank Dia: 1200mm/48" Port Size: 3" Butterfly Valve Design Flow: 50.8m3/h	4	No			
27	P/F Battery system with 5pcs 3" butterfly valve 5 pcs flange, 5pcs tee, 1pcs 6" elbow, about 4 meter C Class pipe, M14x120 screw and nuts, M14x60 screw and nuts 16 sets complete battery accessories.	4	No			
28	P/F Salica Sand size +1.00-0.50	15	Kg			
29	P/F Swimming pool pumps as per following specifications; Brand: IML Inlet/Outlet: 2.5"x3" Flow: 50.8m3/h HP: 5.5 HP Rpm: 2900	4	No			

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
30	P/F Wall inlets as per following specification. Brand: IML Model: A-030, Size 2"	40	No			
31	P/F Suction /Vaccum Point as per following: Brand: IML, Model: A-038, Size 2".	8	No			
32	P/F Main Drain as per following: Brand: Hayward, Model: SP 1032, Size 12"x12".	1	No			
33	P/F Skimmer wide Mouth as per following: Brand: IML, Model: E-003, Material: UV resistance white ABS Size: 2"	10	No			
34	Providing Maintenance Kit Commercial Type as per following accessories with specification : Vaccum Hose Pipe 100' 01 No. Vaccum Head 19" Commercial 01 No. Telescopic Handle 13"x26" 01 No. Test Kit for sault , Kilorine 01 No. Leaf Net Flat 01 No. Nylon Brush 01 No. as per sample aproved by Engineer Incharge..	1	Nos.			
35	P/F Gun Metal Full Way Valve 3" dia standard by M/S Anwar	10	Nos.			
36	Providing/Fixing Handle Valve 2" dia.	12	Nos.			
37	P/F Gun Metal Full Way Valve 4" dia standard by M/S Anwar	8	Nos.			
38	P/L "U" PVC pipe 2" dia (Sch 40) Make Pak Arab.	120	Meter			
39	P/L "U" PVC pipe 3" dia (Sch 40) Make Pak Arab.	110	Meter			
40	P/L "U" PVC pipe 4" dia (Sch 40) Make Pak Arab.	60	Meter			
41	Providing/Fixing PVC elbow 2" dia) Make Pak Arab..	50	Nos.			
42	Providing/Fixing PVC Tee 2" dia) Make Pak Arab..	60	Nos.			
43	Providing/Fixing PVC Tee 3" dia) Make Pak Arab..	50	Nos.			
44	Providing/Fixing PVC Tee 4" dia) Make Pak Arab..	50	Nos.			
45	Providing/Fixing PVC Socket 2" dia) Make Pak Arab..	40	Nos.			


 Metropolitan Corporation

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
46	Providing/Fixing PVC Bush (Reducer) 3x4" dia.	40	Nos.			
47	Providing/Fixing PVC Bush (Reducer) 4x3" dia.	40	Nos.			
48	Providing/Fixing Female Socket 2" dia.	60	Nos.			
49	Providing and Fixing ladder 3 step stainless steel.	4	No			
50	P/F under water light 100Watts Imported UV resistance white ABS including step down Transformer 220volts to 12 volts connection box complete light with all accessories as per site requirement as per sample approved by Engineer Incharge.	10	No			
51	P/F wall LED 25Watt light sample approved by Engineer Incharge for stair case with all allied accessories as per site requirement and as per instruction of Engineer Incharge.	45	No			
52	Providing and fixing of LED street light 140 Watts C/W Make Oslo/Pierlite/ Philips or equivalent with internal wiring complete in all respect at the height with the help of hydraulic crane and instruction of Engineer Incharge	17	No			
53	Cable termination / connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armoured at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	13	Job			
54	Providing & Fixing Energy Saver 24Watts G.E./Philips Make.	10	No			
55	Providing & Fixing Exhaust Fan 12" Plastic Body with best quality as required.	2	No			
56	P/F Panel Box as per following specifications: a) 2-4 pole breaker mg Terasaki/Muller/LS 40 to 100 amp adjustable. b) 5- Magnatic Connector with OCR Relay c) 3- Circuit breaker SP2 amp mg Terasaki/Muller/LS d) 2- Magnatic Contector 440 mg National Green Power/Muller/LS e) 1-Phase Relay f) 1-Bus Bar 150 Amp Imported 4 Pole g) 2-Penal Box 16 gage size 36x42x10 h) 3-CTs Amp meter 100 Amp with selector i) 3- Volt Meter 500 V with selector j) 6- ON/OFF push imported k) 12- L.E.D Light transformer	1	Job			
57	Dismantling of CC work/tiles work with the help of chassing Electric Cutter and manual labour.	1000	Sft.			
58	Providing/Fixing tile 6"x6"	2016	Sft.			


 DIRECTOR
 (Accounts)
 Public Works Department
 Corporation

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
59	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of E/I. i/c cost of shifting of debris.	4000	Cft			
60	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of E/I.	800	Cft.			
61	P/F of earthing set following specification. Excavation 3'x3'x12' approximately (round or square shaped) Salt, Charcoal dust, Calcium di-oxide. GI Pipe 1" dia 12 SWG 13.5 ft. approx Copper wire 8 SWG 14 ft. Copper 2'x2'x1/4" inch plate Copper nuts & bolts 2 Nos.	1	No.			
62	M/P/Installation the distribution board alongwith locking arrangement made from Ms. Sheer 16 SWG. The size of the box should be as per installed accessories. The board should be as powder quoted, water proof and dust proof with ICI Primer coat. After fixing the flowing electric control system inside the box, the box should be installed at the given place with clamps and nuts bolts. the following control accessories will be installed. 1-60 Amps circuit breaker (Tersaki/LG/Mueller) 1- Magnetic contractor FC.50 (Green power /LG/Muller). 1-10 Amps Photo Cell (National Japan).	1	Job			
63	Providing and fixing of pump motors sets 5HP of make (Siemens / Jawaid / Golden) as per approval of site Engineer Incharge.	1	No			
64	Providing and fixing of Gate light with lamp, holder and etc complete in all respect, complete internal wiring as per instruction of Engineer Incharge as per site requirement.	4	No			
65	Painting of all type street light/high mast pole up to 40 ft with two coats of ICI oil paint with the help of hydraulic crane and manual labour as per site requirement instruction of E/I.	15	Job			
66	Dismantling of existing old / rusty/damage filler plant, including pipes, motors, pumps, including the cost of Transportation Loading unloading from site to KMC Workshop.	1	Job			

DIRECTOR
(Admin & Accounts)
Culture, Sports & Recreation Department
Karachi Metropolitan Corporation

S.#	Description.	Qty.	Unit.	Rate.	In Words	Reference
67	Repairing of chain copy as per following specification. * Rubbing and Dushing with Amry Paper of railing. * Painting two coats with ICI, Burger paints. * Oiling gressing of chain copy. * Replace of Ball bearing. * Complete in all respect as per site requirement and instruction of Engineer Incharge.	1	Job			
68	Thurs Boaring with the help of labour and tools plants as per site requirement and instruction of Engineer Incharge.	50	Rft.			
69	P/F of LED Garden Light fitting imported/China make 25 Watts with internal wiring with accessories Philips/Oslo/Equivalent make at the height upto site requirement and manual labour as per site requirement and instruction of E/I.	20	No.			
70	Providing/Fixing Cost Iron Victorian Garden pole upto 12ft long as per sample approved by Engineer Incharge including the cost of foundation complete in all respect as per site requirement and as per instruction of E/I.	25	No.			
Tentative Cost.						

**SENIOR DIRECTOR
CLTURE, SPORTS & RECREATION.**

I/We hereby quote @ _____% above/below the schedule of Rates.

Rupees: _____

we the under signed to hereby under take to strictly abide all the terms & condition of the tender which are currently in force for the work of Karachi Metropolitan Corporation.

Signature of the Contractor.

Address: _____

Seal: _____

Tender issued to M/s. _____

Against Pay Order to Tender Cost No. _____ Dated. _____ Rs. _____

And Pay Order of 2% Earnest Money No. _____ Dated. _____ Rs. _____

DIRECTOR
(Admin & Accounts)
Culture, Sports & Recreation Department
Karachi Metropolitan Corporation

L. A. D. D. D.
Signature
Seal of **Executive Engineer**
M&E Div. **K.M.C.**