



ENF-1: 288/13-14

KARACHI METROPOLITAN CORPORATION
OFFICE OF THE SUPERINTENDING ENGINEER (CM)
ENGINEERING DEPARTMENT

4th Floor, Room No. C-412, Civic Centre, Gulshan-e-Iqbal, Karachi
Phone # (92-91)9230669, Fax # (92-21)9232426

No. S.E/(CM)/ED/KMC/ 412 /13

Dated: - 02/12/2013

NOTICE INVITING TENDER
(As per SPPRA Guideline)

Tender in sealed covers are invited on Item Rate Basis for the following works from the firms having registration with Pakistan Engineering Council and possessing of Electric Contractors License from Electric Inspector, Government of Sindh in relevant field.

SPPRA INWARD DIARY
NO: 7973
DATED: 6/12

S. No.	Tender Reference No.	Name Of Work	Estimated Cost	Bid Security (Rs.)	Tender cost (Rs.)	Eligibility
1.	KMC/CM/ED/76/13-14	Improvement & Rehabilitation of Street Lighting System in District South, KMC.	Rs. 10.00 Million	Rs.2,00,000/=	Rs.3,000/=	1. Valid PEC in C-6(EE-06) & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
2.	KMC/CM/ED/77/13-14	Improvement & Rehabilitation of Street Lighting System in District East, KMC.	Rs. 10.00 Million	Rs.2,00,000/=	Rs.3,000/=	1. Valid PEC in C-6(EE-06) & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
3.	KMC/CM/ED/78/13-14	Improvement & Rehabilitation of Street Lighting System in District Central, KMC.	Rs. 10.00 Million	Rs.2,00,000/=	Rs.3,000/=	1. Valid PEC in C-6(EE-06) & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
4.	KMC/CM/ED/79/13-14	Improvement & Rehabilitation of Street Lighting System in District West, KMC.	Rs. 05.00 Million	Rs.1,00,000/=	Rs.3,000/=	1. Valid PEC in C-6(EE-06) & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
5.	KMC/CM/ED/80/13-14	Improvement & Rehabilitation of Street Lighting System in District Malir, KMC.	Rs. 05.00 Million	Rs.1,00,000/=	Rs.3,000/=	1. Valid PEC in C-6(EE-06) & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
6.	KMC/CM/ED/81/13-14	Providing & Installation of 02 Nos. Passenger Lifts in Existing Shaft by Dismantling the Old Lifts in Civic Centre Building KDA, KMC Karachi.	Rs. 20.00 Million	Rs.4,00,000/=	Rs.3,000/=	1. Valid PEC in C-6(ME-03) & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
7.	KMC/CM/ED/82/13-14	Improvement of Street Lighting System at KPT Flyover District South Karachi.	Rs. 82,44,130/=	Rs.1,65,000/=	Rs.3,000/=	1. Valid PEC in C-6(EE-06) & above in relevant Category. 2. NTN Certificate. 3. Valid Professional Tax.


Tender schedule shall be as follows:

SCHEDULE	DATE & TIME	VENUE
1. Receiving of Application & Issuance of Tender	From <u>09-12-2013</u> to <u>23-12-2013</u> During Office Hours	Office of Director Accounts, Engineering Department, 4 th Floor Civic Centre, Gulshan-e-Iqbal.
2. Dropping of Tender	<u>24-12-2013</u> 2.00 am	Committee Room of D.G. (TS) 4 th Floor, Civic Centre, Gulshan-e-Iqbal.
3. Opening of Tender	<u>24-12-2013</u> At 2:30 noon	Committee Room of D.G. (TS) 4 th Floor, Civic Centre, Gulshan-e-Iqbal.

TERMS & CONDITIONS.

- In case due to any reason, if the tenders are not responded on the above date, the next date of submission and opening will be 09-01-2014 and the tender documents will be available for sale up to 08-12-2014.

2. The tender documents will be issued to the contractor on submission of written request on letter head and on payment of non-refundable cost of tender price through pay order from any schedule Bank in favor of KMC. Bid Security in shape of pay order / bank guarantee from any schedule Bank in favor of KMC as mentioned above should be enclosed with the bid otherwise the tender will be rejected. No tender will be sold on the tender opening date.
3. In Case the date of opening or last date of sale is declared as public holiday by the Government or non working day due to any reason, the next official working day shall be deemed to be the date of sale and submission and opening of tenders accordingly. The time and venue shall remain the same.
4. The total bid amount as well as the rates of items must be filled both in figures and words and in case any correction made by the contractor himself then each correction must be initialed by the Contractor, otherwise the tenders are liable to be summarily rejected.
5. **Substantial Responsive Bid:**
Only those bids, which comply with each eligibility criteria as well as minimum qualification criteria attached with the tender documents shall be declared substantially responsive bids at the time of tender opening and will be eligible for further evolution, otherwise the same will be declared as non-responsive / rejected.
6. The bidder is required to submit the above information, the signed evidence against evaluation criteria along with their bids. However Joint venture between two or more firms is allowed subject to compliance of conditions of stipulated rules of PEC.
7. If any fake documents are found then the tender is liable to be rejected/cancelled with out any compensation and with penalty as per rules.
8. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
9. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which the submitted bid will be rejected.
10. Bid Security of the unsuccessful bidder shall be released once the contract has been finalized with the successful bidder or the validity period has expired.
11. The procuring agency may reject all or any bid subject to the relevant provisions of SPPRA Rules 2010.
12. The conditions of contract are available on KMC website (www.karachicity.gov.pk).


Superintending Engineer (CM)
Engineering Department, KMC

Not to be Published

Director(Media Management), KMC(w.r.t. advertise in the newspapers).

Enclosed 10 copies with a request to publish in not more than three(03) widely circulated leading dailies Newspaper of English, Urdu and Sindhi.

Director (CB)SPPRA, GOS.

With request to upload on the SPPRA's website (07 sets of tender documents enclosed).

Add: Director (IT), Computer Section, Administrator Secretariat, KMC.

With request to upload on the KMC's website.

C.C to:-

1. Director General(TS), KMC.
2. Chief Engineer,(CM), KMC / Chairman Tender / Procurement Committee.
3. Chief Engineer(Concerned).
4. Director Accounts, Engineering Department, KMC
5. PS. to Administrator, KMC.
6. Office file.

KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/76 /2013-14

BILL OF QUANTITIES

**IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN
DISTRICT SOUTH, KMC.**

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - **Rs.10.00 Million**
Bid Security: - **Rs.2,00,000/=**
Tender Cost: - **Rs.3,000/=**

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

Eligibility:

- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp

KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT

Subject:- IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT SOUTH, KMC.

Estimated Cost: **Rs.1,00,00,000/=**

Security Deposit: **Rs.2,00,000/=**

Tender Cost: **Rs.3,000/=**

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 1.5 mm ² .	300	Meter	88.00	Eighty Eight Rupees Only.	26,400
2.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 6 mm ² .	500	Meter	233.00	Two Hundred & Thirty Three Only.	1,16,500
3.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 4 mm ² .	1000	Meter	170.00	One Hundred & Seventy Only	1,70,000
4.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10 mm ² .	1000	Meter	375.00	Three Hundred Seventy Five Only.	3,75,000
5.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with three core copper conductor 300/500 volts size 2.5 mm ² .	1575	Meter	178.00	One Hundred & Seventy Eight Only.	2,80,350
6.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16 mm ² .	280	Meter	1300.00	Thirteen Hundred Only.	3,64,000
7.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 25 mm ² .	100	Meter	1909.00	Nineteen Hundred & Nine Only.	1,90,900
8.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 35 mm ² .	50	Meter	2529.00	Twenty Five Hundred & Twenty Nine Only.	1,26,450
9.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 185 mm ² .	25	Meter	12478.00	Twelve Thousand Four Hundred & Seventy Eight Only.	3,11,950

10.	<p>Providing & Fixing of MS Tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labor.</p> <p>6 meter (6" dia) x 3 meter (5" dia) x 3 meter (4" dia) = 40 ft. Wall thickness 8 SWG. Base plate 18" x 18" x ¼". Hole 4 Nos. stiffeners 4 Nos. 9-1/2" x 4-1/2" x ½". Making window in the pole required size with LN Key provision. Two coats red oxide (2 coats) as rust preventive and of required oil paint(2 coat) as per site requirement and instruction of Engineer incharge.</p>	10	Each	37797.00	Thirty Seven Thousand Seven Hundred & Ninety Seven Only.	3,77,970
11.	<p>Construction of RCC foundation as per following specification and instruction of Engineer incharge for 31 ft / 40 ft long tubular pole.</p> <p>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) 4 Nos. and making thread on MS rod. Template 16"x16"x1/4". Rings ½" dia round bar 4 Nos. to the welded with MS rod. RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.</p>	10	Each	15168.00	Fifteen Thousand One Hundred & Sixty Eight Only.	1,51,680
12.	<p>Manufacturing Providing & fixing GI single arm double arch as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft along with canopy. 2 Nos. MS clamps with nuts & bolts.</p>	10	Each	1546.00	Fifteen Hundred & Forty Six Only.	15,460
13.	<p>Manufacturing Providing & fixing GI double arm canopy type with the help of hydraulic crane and manual labor as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft long. MS canopy 5" dia 1' long with nuts & bolts.</p>	10	Each	3086.00	Three Thousand & Eighty Six Only.	30,860

14.	Providing & Fixing junction box as per following specification. Size of box 8"x6"x4". GI size 16 SWG thick. Clamp with nuts & bolts. Cover plate with screw. Painting two coats of rust preventive. Red Oxide and two coats of ICI oil paint as per site requirement and instruction.	10	Each	800.00	Eight Hundred Rupees Only.	8,000
15.	Providing & Fixing of street light 250 watts (SON) having IP-54 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	50	Each	10,105	Ten Thousand One Hundred & Five Only.	5,05,250
16.	Providing & Fixing of street light 250 watts (SON-T) having IP-66 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	50	Each	24790.00	Twenty Four Thousand Seven Hundred & Ninety Only.	12,39,500
17.	Providing & Fixing of flood light 400 watts (SON) having IP-65 classification with 400 watt lamp, choke, capacitor & internal wiring complete in all respect at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	10	Each	16980.00	Sixteen Thousand Nine Hundred & Eighty Only.	1,69,800
18.	P/F 250 watt (Son) at the height as per site requirement and instruction of Engineer incharge.	400	Each	1240.00	Twelve Hundred & Forty Only.	4,96,000
19.	P/F 250 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	250	Each	3990.00	Thirty Nine Hundred & Ninety Only.	9,97,500
20.	P/F 250 watt (Son) igniter in all respect at the height up to 40 ft of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	250	Each	1119.00	Eleven Hundred & Nineteen Only.	2,79,750
21.	P/F 400 watt (Son-T) lamp at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	50	Each	2132.00	Twenty One Hundred & Thirty Two Only.	1,06,600

22.	P/F 400 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	30	Each	4958.00	Forty Nine Hundred & Fifty Eight Only.	1,48,740
23.	P/F 2000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	35350.00	Thirty Five Thousand Three Hundred & Fifty Only.	1,76,750
24.	P/F 2000 watt (HPIT) chowk at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	27430.00	Twenty Seven Thousand Four Hundred & Thirty Only.	1,37,150
25.	P/F igniter for 2000 watt (HPIT) at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	4575.00	Forty Five Hundred & Seventy Five Only.	22,875
26.	P/F circuit breaker 15,20,30,40,50 60, 75 & 100 Amps T.P XS-100NS on prepared board as required.	20	Each	9261.00	Nine Thousand Two Hundred & Sixty One Only.	1,85,220
27.	P/F 4 Nos. copper crimping Ferule for 16 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/I.	50	Each	1193.00	Eleven Hundred & Ninety Three Only.	59,650
28.	P/F 4 Nos. copper crimping Ferule for 25 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/I.	50	Each	1131.00	Eleven Hundred & Thirty One Only.	56,550
29.	P/F Magnetic contactor 50 F.C as required and as per instruction of Engineer incharge.	20	Each	9301.00	Ninety Three Hundred & One Only.	1,86,020
30.	P/F Magnetic contactor FC 65 N (100A) as required and as per instruction of Engineer incharge.	10	Each	11645.00	Eleven Thousand Six Hundred & Forty Five Only.	1,16,450
31.	P/F 10 Amps Photo Cell (National Japan) after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing of photo cell as required as per instruction of Engineer incharge.	20	Each	4494.00	Forty Four Hundred & Ninety Four Only.	89,880

32.	P/F coil for FC30N, FC35NS, FC50N after removing of existing / burnt / damage / old coil after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	25	Each	2055.00	Two Thousand Fifty Five Only.	51,375
33.	P/F coil for FC 65N, 65NS & FC80 after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	15	Each	2825.00	Twenty Eight Hundred & Twenty Five Only.	42,375
	<u>Non Schedule Items.</u>					
34.	Rewinding of Magnetic contractor coil FC50, 65, 80 and re-fixing the same.	75	Each	O/R		
35.	P/F of GI junction box covers suitable size as per site requirement and as per instruction of Engineer incharge.	25	Each	O/R		
36.	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer incharge i/c cost of shifting of debris.	10000	P/Cft	O/R		
37.	P/L GI pipe 2" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer incharge.	50	Meter	O/R		
38.	P/L flexible PVC pipe to pass electric cable box complete as required up to 2" dia size.	50	Meter	O/R		
39.	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	1000	P/Cft	O/R		
40.	M/P/Installation the distribution board along with locking arrangement made from MS. Sheet 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 following electric control system inside the box, the box should be installed at the given place with	5	Job	O/R		

	clamps and nuts bolts of size 18"x12"x6".					
41.	Cable termination/connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armored at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	250	Job	O/R		
42.	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 labor as per site requirement and instruction of E/L.	250	No.	O/R	-	
43.	Making of MS pole window size 9"x5" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	25	Job	O/R		
44.	Dismantling & re-fixing of pole window cover including the cost of cutting grinding polishing welding with the help of generator and manual labor at he height of 6 ft to 8 ft from ground labor.	53	Job	O/R	-	
45.	Dismantling and cleaning of street light fitting 250 watts and re-fixing the same at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	500	Each	O/R		
46.	Providing / fixing of HT Tape.	25	Each	O/R		
47.	Providing / fixing of PVC Tape.	100	Each	O/R		
48.	P/F Angle iron Bracket accommodation for 4 to 6 flood lights with canopy at the height as per site requirement and instruction of E/L.	5	Each	O/R	-	
49.	P/F of Aluminum conductor for over head electric supply as per following specification with the help of lifter or crane and other fixing accessories.					
	a) 16 mm.	1500	Meter	O/R		

	b) 25 mm.	1000	Meter	O/R		
	c) "U" insular clamps(GI).	60	No.	O/R		
	d) D iron clamps (GI) with nuts and bolts.	60	No.	O/R		
	e) Shakle insulator.	60	No.	O/R		
	f) Bolts with nuts and washers (GI) for insulator,	180	No.	O/R		
50.	P/F 1000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I	5	No.	O/R		
51.	P/F 1000 watt (HPIT) Chowk the height with the help of hydraulic crane as per site requirement and instruction of E/I	5	No.	O/R		
52.	P/F Igniter for 1000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I	5	No.	O/R		
53.	Repairing of existing damage CC collar size 1-1/2'x1-1/2'x1/2' and 2'x2'x2' plastering curing complete in all respect as per site requirement and instruction of Engineer incharge.	50	Job	O/R		
54.	Making of MS pole window cover size 18"x8" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	50	Job	O/R		
55.	P/L (Main or sub-main) of PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 2.5 mm ² .	1000	Meter	O/R.		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: **IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT SOUTH, KMC.**

Estimated Cost:- Rs. 1,00,00,000/=

Bid Security:- Rs. 2,00,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	<u>PART - A:</u> (Items Based on S/R) amounting to Rs.76,12,955/= % Above / Below / At Par the S/R.	Rs. _____
2.	<u>PART - B:</u> (Items Based on O/R)	Rs. _____
GRAND TOTAL (A+B)		Rs. _____

The total amount is Rs. _____ (Rupees _____
(in Figure) (In Words) _____
for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from _____
amounting to Rs. _____ as per NIT.

(Name of Bank)

Completion Time : 90 Days

Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable. -

Signature of the Contractor with Stamp

Address: _____

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/77 /2013-14

BILL OF QUANTITIES

**IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN
DISTRICT EAST, KMC.**

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - Rs.10.00 Million
Bid Security: - Rs.2,00,000/=

Tender Cost: - Rs.3,000/=

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

Eligibility:

- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp

KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT -

Subject:- IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT EAST, KMC.

Estimated Cost: **Rs.1,00,00,000/=**

Security Deposit: **Rs.2,00,000/=**

Tender Cost: **Rs.3,000/=**

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 1.5 mm ² .	500	Meter	88.00	Eighty Eight Rupees Only.	44,000
2.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 6 mm ² .	800	Meter	233.00	Two Hundred & Thirty Three Only.	1,86,400
3.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 4 mm ² .	800	Meter	170.00	One Hundred & Seventy Only	1,36,000
4.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10 mm ² .	900	Meter	375.00	Three Hundred Seventy Five Only.	3,37,500
5.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with three core copper conductor 300/500 volts size 2.5 mm ² .	800	Meter	178.00	One Hundred & Seventy Eight Only.	1,42,400
6.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16 mm ² .	480	Meter	1300.00	Thirteen Hundred Only.	6,24,000
7.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 25 mm ² .	200	Meter	1909.00	Nineteen Hundred & Nine Only.	3,81,800
8.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 35 mm ² .	100	Meter	2529.00	Twenty Five Hundred & Twenty Nine Only.	2,52,900
9.	Providing & Fixing of MS Tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labor. 6 meter (6" dia) x 3 meter (5" dia) x 3 meter (4" dia) = 40 ft.	10	Each	37797.00	Thirty Seven Thousand Seven Hundred & Ninety Seven Only.	3,77,970

	<p>Wall thickness 8 SWG. Base plate 18" x 18" x 3/4". Hole 4 Nos. stiffeners 4 Nos. 9-1/2" x 4-1/2" x 1/2". Making window in the pole required size with LN Key provision. Two coats red oxide (2 coats) as rust preventive and of required oil paint(2 coat) as per site requirement and instruction of Engineer incharge.</p>					
10.	<p>Construction of RCC foundation as per following specification and instruction of Engineer incharge for 31 ft / 40 ft 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) 4 Nos. and making thread on MS rod. Template 16"x16"x1/4". Rings 1/4" dia round bar 4 Nos. to the welded with MS rod. RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.</p>	10	Each	15168.00	Fifteen Thousand One Hundred & Sixty Eight Only.	1,51,680
11.	<p>Manufacturing Providing & fixing GI single arm double arch as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft along with canopy. 2 Nos. MS clamps with nuts & bolts.</p>	10	Each	1546.00	Fifteen Hundred & Forty Six Only.	15,460
12.	<p>Manufacturing Providing & fixing GI double arm canopy type with the help of hydraulic crane and manual labor as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft long. MS canopy 5" dia 1' long with nuts & bolts.</p>	10	Each	3086.00	Three Thousand & Eighty Six Only.	30,860
13.	<p>Providing & Fixing junction box as per following specification. Size of box 8"x6"x4". GI size 16 SWG thick. Clamp with nuts & bolts. Cover plate with screw. Painting two coats of rust preventive. Red Oxide and two coats of ICI oil</p>	10	Each	800.00	Eight Hundred Rupees Only.	8,000

	paint as per site requirement and instruction.					
14.	Providing & Fixing of street light 250 watts (SON) having IP-54 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	20	Each	10,105	Ten Thousand One Hundred & Five Only.	2,02,100
15.	Providing & Fixing of street light 250 watts (SON-T) having IP-66 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	40	Each	24790.00	Twenty Four Thousand Seven Hundred & Ninety Only.	9,91,600
16.	Providing & Fixing of flood light 400 watts (SON) having IP-65 classification with 400 watt lamp, choke, capacitor & internal wiring complete in all respect at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	10	Each	16980.00	Sixteen Thousand Nine Hundred & Eighty Only.	1,69,800
17.	P/F 250 watt (Son) at the height as per site requirement and instruction of Engineer incharge.	400	Each	1240.00	Twelve Hundred & Forty Only.	4,96,000
18.	P/F 250 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	300	Each	3990.00	Thirty Nine Hundred & Ninety Only.	11,97,000
19.	P/F 250 watt (Son) igniter in all respect at the height up to 40 ft of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	300	Each	1119.00	Eleven Hundred & Nineteen Only.	3,35,700
20.	P/F 400 watt (Son-T) lamp at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	50	Each	2132.00	Twenty One Hundred & Thirty Two Only.	1,06,600
21.	P/F 400 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	30	Each	4958.00	Forty Nine Hundred & Fifty Eight Only.	1,48,740
22.	P/F 2000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	35350.00	Thirty Five Thousand Three Hundred & Fifty Only.	1,76,750

23.	P/F 2000 watt (HPIT) chowk at the height with the help of hydraulic crane as per site requirement and instruction of E/L.	5	Each	27430.00	Twenty Seven Thousand Four Hundred & Thirty Only.	1,37,150
24.	P/F igniter for 2000 watt (HPIT) at the height with the help of hydraulic crane as per site requirement and instruction of E/L.	5	Each	4575.00	Forty Five Hundred & Seventy Five Only.	22,875
25.	P/F circuit breaker 15,20,30,40,50 60, 75 & 100 Amps T.P XS-100NS on prepared board as required.	15	Each	9261.00	Nine Thousand Two Hundred & Sixty One Only.	1,38,915
26.	P/F 4 Nos. copper crimping Ferule for 16 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/L.	50	Each	1193.00	Eleven Hundred & Ninety Three Only.	59,650
27.	P/F 4 Nos. copper crimping Ferule for 25 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/L.	50	Each	1131.00	Eleven Hundred & Thirty One Only.	56,550
28.	P/F Magnetic contactor 50 F.C as required and as per instruction of Engineer incharge.	15	Each	9301.00	Ninety Three Hundred & One Only.	1,39,515
29.	P/F Magnetic contactor FC 65 N (100A) as required and as per instruction of Engineer incharge.	10	Each	11645.00	Eleven Thousand Six Hundred & Forty Five Only.	1,16,450
30.	P/F 10 Amps Photo Cell (National Japan) after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing of photo cell as required as per instruction of Engineer incharge.	15	Each	4494.00	Forty Four Hundred & Ninety Four Only.	67,410
31.	P/F coil for FC30N, FC35NS, FC50N after removing of existing / burnt / damage / old coil after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	25	Each	2055.00	Two Thousand Fifty Five Only.	51,375

32.	P/F coil for FC 65N, 65NS & FC80 after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	15	Each	2825.00	Twenty Eight Hundred & Twenty Five Only.	42,375
	<u>Non Schedule Items.</u>					
33.	Rewinding of Magnetic contractor coil FC50, 65, 80 and re-fixing the same.	75	Each	O/R		
34.	P/F of GI junction box covers suitable size as per site requirement and as per instruction of Engineer incharge.	25	Each	O/R		
35.	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer incharge i/c cost of shifting of debries.	10000	P/Cft	O/R		
36.	P/L GI pipe 2" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer incharge.	50	Meter	O/R		
37.	P/L flexible PVC pipe to pass electric cable box complete as required up to 2" dia size.	100	Meter	O/R		
38.	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	1000	P/Cft	O/R		
39.	M/P/Installation the distribution board along with locking arrangement made from MS.Sheet 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 following electric control system inside the box, the box should be installed at the given place with clamps and nuts bolts of size 18"x12"x6".	5	Job	O/R		
40.	Cable termination/connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armored at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	250	Job	O/R		

41.	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 labor as per site requirement and instruction of E/L.	250	No.	O/R		
42.	Making of MS pole window size 9"x5" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	25	Job	O/R		
43.	Dismantling & re-fixing of pole window cover including the cost of cutting grinding polishing welding with the help of generator and manual labor at the height of 6 ft to 8 ft from ground labor.	50	Job	O/R		
44.	Dismantling and cleaning of street light fitting 250 watts and re-fixing the same at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	500	Each	O/R		
45.	Providing / fixing of HT Tape.	25	Each	O/R		
46.	Providing / fixing of PVC Tape.	100	Each	O/R		
47.	P/F Angle iron Bracket accommodation for 4 to 6 flood lights with canopy at the height as per site requirement and instruction of E/L.	5	Each	O/R		
48.	P/F of Aluminum conductor for overhead electric supply as per following specification with the help of lifter or crane and other fixing accessories.					
	a) 16 mm.	1500	Meter	O/R		
	b) 25 mm.	1000	Meter	O/R		
	c) "U" insular clamps(GI).	60	No.	O/R		
	d) D iron clamps (GI) with nuts and bolts.	60	No.	O/R		

	e) Shackle insulator.	60	No.	O/R		
	f) Bolts with nuts and washers (GI) for insulator,	190	No.	O/R		
49.	Repairing of existing damage CC collar size 1-1/2'x1-1/2'x1/1/2' and 2'x2'x2' plastering curing complete in all respect as per site requirement and instruction of Engineer incharge.	50	Job	O/R		
50.	Making of MS pole window cover size 18"x8" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	50	Job	O/R		
51.	P/L (Main or sub-main) of PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 2.5 mm ² .	1000	Meter	O/R.		
52.	Providing & fixing of LED street light 130 watts Make Oslo / Pierlite / Philips with internal wiring complete in all respect at the height with the help of hydraulic crane and instruction of Engineer incharge.	5	Each	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT EAST, KMC.

Estimated Cost:- Rs. 1,00,00,000/=

Bid Security:- Rs. 2,00,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	PART - A: (Items Based on S/R) amounting to Rs.73,45,475/=	Rs. _____
	% Above / Below / At Par the S/R.	
2.	PART - B: (Items Based on O/R)	Rs. _____
GRAND TOTAL (A+B)		Rs. _____

The total amount is Rs. _____ (in Figure) (Rupees _____ (In Words) _____ for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from _____ amounting to Rs. _____ as per NIT.
(Name of Bank)

Completion Time : 90 Days

Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable.

Signature of the Contractor with Stamp

Address: _____

KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 78 /2013-14

BILL OF QUANTITIES

IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN
DISTRICT CENTRAL, KMC.

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - Rs.10.00 Million
Bid Security: - Rs.2,00,000/=
Tender Cost: - Rs.3,000/=

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

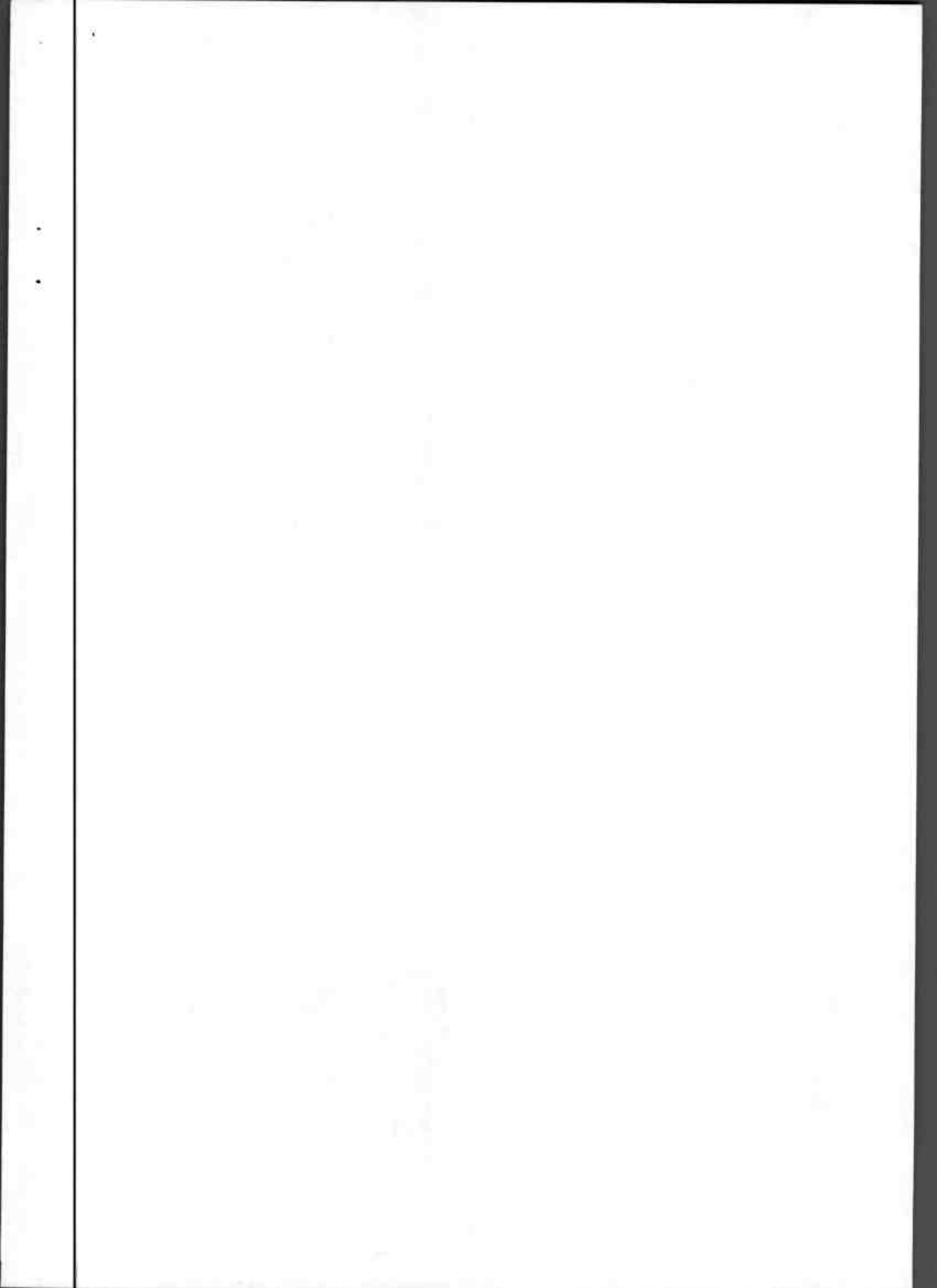
Eligibility:

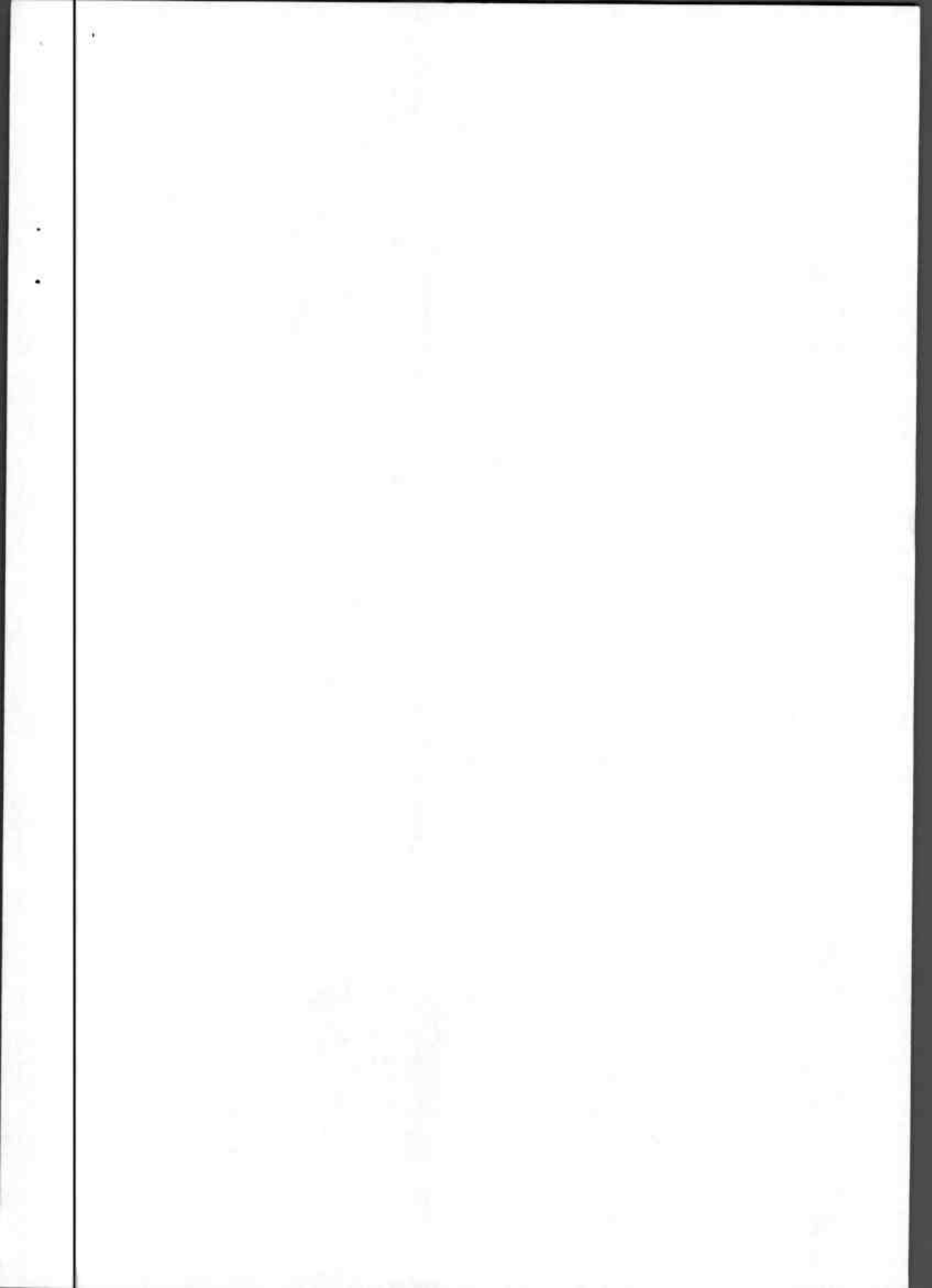
- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp





KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT

Subject:- IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT CENTRAL, KMC.

Estimated Cost: **Rs.1,00,00,000/=**

Security Deposit: **Rs.2,00,000/=**

Tender Cost: **Rs.3,000/=**

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 1.5 mm ² .	300	Meter	88.00	Eighty Eight Rupees Only.	26,400
2.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 6 mm ² .	500	Meter	233.00	Two Hundred & Thirty Three Only.	1,16,500
3.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 4 mm ² .	1000	Meter	170.00	One Hundred & Seventy Only	1,70,000
4.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10 mm ² .	1000	Meter	375.00	Three Hundred Seventy Five Only.	3,75,000
5.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with three core copper conductor 300/500 volts size 2.5 mm ² .	1575	Meter	178.00	One Hundred & Seventy Eight Only.	2,80,350
6.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16 mm ² .	280	Meter	1300.00	Thirteen Hundred Only.	3,64,000
7.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 25 mm ² .	100	Meter	1909.00	Nineteen Hundred & Nine Only.	1,90,900
8.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 35 mm ² .	50	Meter	2529.00	Twenty Five Hundred & Twenty Nine Only.	1,26,450
9.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 185 mm ² .	25	Meter	12478.00	Twelve Thousand Four Hundred & Seventy Eight Only.	3,11,950

10.	<p>Providing & Fixing of MS Tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labor.</p> <p>6 meter (6" dia) x 3 meter (5" dia) x 3 meter (4" dia) = 40 ft.</p> <p>Wall thickness 8 SWG.</p> <p>Base plate 18" x 18" x 3/4".</p> <p>Hole 4 Nos. stiffeners 4 Nos. 9-1/2" x 4-1/2" x 1/2".</p> <p>Making window in the pole required size with LN Key provision.</p> <p>Two coats red oxide (2 coats) as rust preventive and of required oil paint(2 coat) as per site requirement and instruction of Engineer incharge.</p>	10	Each	37797.00	Thirty Seven Thousand Seven Hundred & Ninety Seven Only.	3,77,970
11.	<p>Construction of RCC foundation as per following specification and instruction of Engineer incharge for 31 ft / 40 ft long tubular pole.</p> <p>Excavation of soft / hard soil 3'x3'x5.5ft.</p> <p>Stone soiling 3'x3'x6" making lean in the ratio 1:4:8.</p> <p>Length of MS bolts 6-1/2'(3/4" dia) 4 Nos. and making thread on MS rod.</p> <p>Template 16"x16"x1/4".</p> <p>Rings 1/4" dia round bar 4 Nos. to the welded with MS rod.</p> <p>RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.</p>	10	Each	15168.00	Fifteen Thousand One Hundred & Sixty Eight Only.	1,51,680
12.	<p>Manufacturing Providing & fixing GI single arm double arch as per site requirement instruction of Engineer incharge with following specification</p> <p>GI pipe 2" dia 10 SWG 5 ft along with canopy.</p> <p>2 Nos. MS clamps with nuts & bolts.</p>	10	Each	1546.00	Fifteen Hundred & Forty Six Only.	15,460
13.	<p>Manufacturing Providing & fixing GI double arm canopy type with the help of hydraulic crane and manual labor as per site requirement instruction of Engineer incharge with following specification</p> <p>GI pipe 2" dia 10 SWG 5 ft long.</p> <p>MS canopy 5" dia 1' long with nuts & bolts.</p>	10	Each	3086.00	Three Thousand & Eighty Six Only.	30,860

14.	Providing & Fixing junction box as per following specification. Size of box 8"x6"x4". GI size 16 SWG thick. Clamp with nuts & bolts. Cover plate with screw. Painting two coats of rust preventive. Red Oxide and two coats of ICI oil paint as per site requirement and instruction.	10	Each	800.00	Eight Hundred Rupees Only.	8,000
15.	Providing & Fixing of street light 250 watts (SON) having IP-54 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	50	Each	10,105	Ten Thousand One Hundred & Five Only.	5,05,250
16.	Providing & Fixing of street light 250 watts (SON-T) having IP-66 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	50	Each	24790.00	Twenty Four Thousand Seven Hundred & Ninety Only.	12,39,500
17.	Providing & Fixing of flood light 400 watts (SON) having IP-65 classification with 400 watt lamp, choke, capacitor & internal wiring complete in all respect at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	10	Each	16980.00	Sixteen Thousand Nine Hundred & Eighty Only.	1,69,800
18.	P/F 250 watt (Son) at the height as per site requirement and instruction of Engineer incharge.	400	Each	1240.00	Twelve Hundred & Forty Only.	4,96,000
19.	P/F 250 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	250	Each	3990.00	Thirty Nine Hundred & Ninety Only.	9,97,500
20.	P/F 250 watt (Son) igniter in all respect at the height up to 40 ft of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	250	Each	1119.00	Eleven Hundred & Nineteen Only. -	2,79,750
21.	P/F 400 watt (Son-T) lamp at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	50	Each	2132.00	Twenty One Hundred & Thirty Two Only.	1,06,600

22.	P/F 400 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	30	Each	4958.00	Forty Nine Hundred & Fifty Eight Only.	1,48,740
23.	P/F 2000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/L.	5	Each	35350.00	Thirty Five Thousand Three Hundred & Fifty Only.	1,76,750
24.	P/F 2000 watt (HPIT) chowk at the height with the help of hydraulic crane as per site requirement and instruction of E/L.	5	Each	27430.00	Twenty Seven Thousand Four Hundred & Thirty Only.	1,37,150
25.	P/F igniter for 2000 watt (HPIT) at the height with the help of hydraulic crane as per site requirement and instruction of E/L.	5	Each	4575.00	Forty Five Hundred & Seventy Five Only.	22,875
26.	P/F circuit breaker 15,20,30,40,50 60, 75 & 100 Amps T.P XS-100NS on prepared board as required.	20	Each	9261.00	Nine Thousand Two Hundred & Sixty One Only.	1,85,220
27.	P/F 4 Nos. copper crimping Ferule for 16 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/L.	50	Each	1193.00	Eleven Hundred & Ninety Three Only.	59,650
28.	P/F 4 Nos. copper crimping Ferule for 25 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/L.	50	Each	1131.00	Eleven Hundred & Thirty One Only.	56,550
29.	P/F Magnetic contactor 50 F.C as required and as per instruction of Engineer incharge.	20	Each	9301.00	Ninety Three Hundred & One Only.	1,86,020
30.	P/F Magnetic contactor FC 65 N (100A) as required and as per instruction of Engineer incharge.	10	Each	11645.00	Eleven Thousand Six Hundred & Forty Five Only.	1,16,450
31.	P/F 10 Amps Photo Cell (National Japan) after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing of photo cell as required as per instruction of Engineer incharge.	20	Each	4494.00	Forty Four Hundred & Ninety Four Only.	89,880

32.	P/F coil for FC30N, FC35NS, FC50N after removing of existing / burnt / damage / old coil after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	25	Each	2055.00	Two Thousand Fifty Five Only.	51,375
33.	P/F coil for FC 65N, 65NS & FC80 after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	15	Each	2825.00	Twenty Eight Hundred & Twenty Five Only.	42,375
	<u>Non Schedule Items.</u>					
34.	Rewinding of Magnetic contractor coil FC50, 65, 80 and re-fixing the same.	75	Each	O/R		
35.	P/F of GI junction box covers suitable size as per site requirement and as per instruction of Engineer incharge.	25	Each	O/R		
36.	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer incharge i/c cost of shifting of debries.	10000	P/Cft	O/R		
37.	P/L GI pipe 2" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer incharge.	50	Meter	O/R		
38.	P/L flexible PVC pipe to pass electric cable box complete as required up to 2" dia size.	50	Meter	O/R		
39.	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	1000	P/Cft	O/R	-	
40.	M/P/Installation the distribution board along with locking arrangement made from MS. Sheet 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 following electric control system inside the box, the box should be installed at the given place with	5	Job	O/R		

	clamps and nuts bolts of size 18"x12"x6".					
41.	Cable termination/connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armored at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	250	Job	O/R		
42.	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 labor as per site requirement and instruction of E/L.	250	No.	O/R		
43.	Making of MS pole window size 9"x5" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	25	Job	O/R		
44.	Dismantling & re-fixing of pole window cover including the cost of cutting grinding polishing welding with the help of generator and manual labor at the height of 6 ft to 8 ft from ground labor.	50	Job	O/R		
45.	Dismantling and cleaning of street light fitting 250 watts and re-fixing the same at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	500	Each	O/R		
46.	Providing / fixing of HT Tape.	25	Each	O/R		
47.	Providing / fixing of PVC Tape.	100	Each	O/R		
48.	P/F Angle iron Bracket accommodation for 4 to 6 flood lights with canopy at the height as per site requirement and instruction of E/L.	5	Each	O/R		
49.	P/F of Aluminum conductor for overhead electric supply as per following specification with the help of lifter or crane and other fixing accessories.					
	a) 16 mm.	1500	Meter	O/R		

	b) 25 mm.	1000	Meter	O/R	-	
	c) "U" insular clamps(GI).	60	No.	O/R		
	d) D iron clamps (GI) with nuts and bolts.	60	No.	O/R		
	e) Shackle insulator.	60	No.	O/R		
	f) Bolts with nuts and washers (GI) for insulator,	180	No.	O/R		
50.	P/F 1000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I	5	No.	O/R	.	
51.	P/F 1000 watt (HPIT) Chowk the height with the help of hydraulic crane as per site requirement and instruction of E/I	5	No.	O/R		
52.	P/F Igniter for 1000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I	5	No.	O/R		
53.	Repairing of existing damage CC collar size 1-1/2'x1-1/2'x1/2' and 2'x2'x2' plastering curing complete in all respect as per site requirement and instruction of Engineer incharge.	50	Job	O/R		
54.	Making of MS pole window cover size 18"x8" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	50	Job	O/R		
55.	P/L (Main or sub-main) of PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 2.5 mm ² .	1000	Meter	O/R.		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT CENTRAL, KMC.

Estimated Cost:- Rs. 1,00,00,000/=
Bid Security:- Rs. 2,00,000/=
Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	PART – A: (Items Based on S/R) amounting to Rs.76,12,955/= % Above / Below / At Par the S/R.	Rs. _____
2.	PART – B: (Items Based on O/R)	Rs. _____
GRAND TOTAL (A+B)		Rs. _____

The total amount is Rs. _____ (Rupees _____
(in Figure) (In Words) _____
for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from _____
amounting to Rs. _____ as per NIT.
(Name of Bank)

Completion Time : 90 Days
Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable.

Signature of the Contractor with Stamp

Address: _____

KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/79 /2013-14

BILL OF QUANTITIES

**IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN
DISTRICT WEST, KMC.**

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - Rs.05.00 Million
Bid Security: - Rs.1,00,000/=

Tender Cost: - Rs.3,000/=

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

Eligibility:

- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp

KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT

Subject:- **IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT WEST, KMC.**

Estimated Cost: **Rs.50,00,000/=**

Security Deposit: **Rs.1,00,000/=**

Tender Cost: **Rs.3,000/=**

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 1.5 mm ² .	500	Meter	88.00	Eighty Eight Rupees Only.	44,000
2	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 6 mm ² .	1000	Meter	233.00	Two Hundred & Thirty Three Only.	2,33,000
3	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 4 mm ² .	700	Meter	170.00	One Hundred & Seventy Only	1,19,000
4	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10 mm ² .	700	Meter	375.00	Three Hundred Seventy Five Only.	2,62,500
5	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with three core copper conductor 300/500 volts size 2.5 mm ² .	700	Meter	178.00	One Hundred & Seventy Eight Only.	1,24,600
6	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16 mm ² .	250	Meter	1300.00	Thirteen Hundred Only.	3,25,000
7	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 25 mm ² .	100	Meter	1909.00	Nineteen Hundred & Nine Only.	1,90,900
8	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 35 mm ² .	50	Meter	2529.00	Twenty Five Hundred & Twenty Nine Only.	1,26,450
9	Providing & Fixing of MS Tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labor. 6 meter (6" dia) x 3 meter (5" dia) x 3 meter (4" dia) = 40 ft.	5	Each	37797.00	Thirty Seven Thousand Seven Hundred & Ninety Seven Only.	1,88,985

	<p>Wall thickness 8 SWG. Base plate 18" x 18" x 3/4". Hole 4 Nos. stiffeners 4 Nos. 9-1/2" x 4-1/2" x 1/2". Making window in the pole required size with LN Key provision. Two coats red oxide (2 coats) as rust preventive and of required oil paint(2 coat) as per site requirement and instruction of Engineer incharge.</p>				-	
10.	<p>Construction of RCC foundation as per following specification and instruction of Engineer incharge for 31 ft / 40 ft 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) 4 Nos. and making thread on MS rod. Template 16"x16"x1/4". Rings 1/4" dia round bar 4 Nos. to the welded with MS rod. RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.</p>	5	Each	15168.00	Fifteen Thousand One Hundred & Sixty Eight Only.	75,840
11.	<p>Manufacturing Providing & fixing GI single arm double arch as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft along with canopy. 2 Nos. MS clamps with nuts & bolts.</p>	10	Each	1546.00	Fifteen Hundred & Forty Six Only.	15,460
12.	<p>Manufacturing Providing & fixing GI double arm canopy type with the help of hydraulic crane and manual labor as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft long. MS canopy 5" dia 1' long with nuts & bolts.</p>	5	Each	3086.00	Three Thousand & Eighty Six Only.	15,430
13.	<p>Providing & Fixing junction box as per following specification. Size of box 8"x6"x4". GI size 16 SWG thick. Clamp with nuts & bolts. Cover plate with screw. Painting two coats of rust preventive. Red Oxide and two coats of ICI oil</p>	5	Each	800.00	Eight Hundred Rupees Only.	4,000

	paint as per site requirement and instruction.					
14.	Providing & Fixing of street light 250 watts (SON) having IP-54 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	7	Each	10,105	Ten Thousand One Hundred & Five Only.	70,735
15.	Providing & Fixing of street light 250 watts (SON-T) having IP-66 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	10	Each	24790.00	Twenty Four Thousand Seven Hundred & Ninety Only.	2,47,900
16.	Providing & Fixing of flood light 400 watts (SON) having IP-65 classification with 400 watt lamp, choke, capacitor & internal wiring complete in all respect at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	5	Each	16980.00	Sixteen Thousand Nine Hundred & Eighty Only.	84,900
17.	P/F 250 watt (Son) at the height as per site requirement and instruction of Engineer incharge.	125	Each	1240.00	Twelve Hundred & Forty Only.	1,55,000
18.	P/F 250 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	100	Each	3990.00	Thirty Nine Hundred & Ninety Only.	3,99,000
19.	P/F 250 watt (Son) igniter in all respect at the height up to 40 ft of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	100	Each	1119.00	Eleven Hundred & Nineteen Only.	1,11,900
20.	P/F 400 watt (Son-T) lamp at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	25	Each	2132.00	Twenty One Hundred & Thirty Two Only.	53,300
21.	P/F 400 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	25	Each	4958.00	Forty Nine Hundred & Fifty Eight Only.	1,23,950
22.	P/F 2000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/L.	5	Each	35350.00	Thirty Five Thousand Three Hundred & Fifty Only.	1,76,750

23.	P/F 2000 watt (HPIT) chowk at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	27430.00	Twenty Seven Thousand Four Hundred & Thirty Only.	1,37,150
24.	P/F igniter for 2000 watt (HPIT) at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	4575.00	Forty Five Hundred & Seventy Five Only.	22,875
25.	P/F circuit breaker 15,20,30,40,50 60, 75 & 100 Amps T.P XS-100NS on prepared board as required.	5	Each	9261.00	Nine Thousand Two Hundred & Sixty One Only.	46,305
26.	P/F 4 Nos. copper crimping Ferule for 16 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/I.	30	Each	1193.00	Eleven Hundred & Ninety Three Only.	35,790
27.	P/F 4 Nos. copper crimping Ferule for 25 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/I.	15	Each	1131.00	Eleven Hundred & Thirty One Only.	16,965
28.	P/F Magnetic contactor 50 F.C as required and as per instruction of Engineer incharge.	10	Each	9301.00	Ninety Three Hundred & One Only.	93,010
29.	P/F Magnetic contactor FC 65 N (100A) as required and as per instruction of Engineer incharge.	5	Each	11645.00	Eleven Thousand Six Hundred & Forty Five Only.	58,225
30.	P/F 10 Amps Photo Cell (National Japan) after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing of photo cell as required as per instruction of Engineer incharge.	12	Each	4494.00	Forty Four Hundred & Ninety Four Only.	53,928
31.	P/F coil for FC30N, FC35NS, FC50N after removing of existing / burnt / damage / old coil after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	15	Each	2055.00	Two Thousand Fifty Five Only.	30,825

32.	P/F coil for FC 65N, 65NS & FC80 after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	10	Each	2825.00	Twenty Eight Hundred & Twenty Five Only.	28,250
	<u>Non Schedule Items.</u>					
33.	Rewinding of Magnetic contractor coil FC50, 65, 80 and re-fixing the same.	25	Each	O/R		
34.	P/F of GI junction box covers suitable size as per site requirement and as per instruction of Engineer incharge.	15	Each	O/R		
35.	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer incharge i/c cost of shifting of debries.	5000	P/Cft	O/R	-	
36.	P/L GI pipe 2" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer incharge.	25	Meter	O/R		
37.	P/L flexible PVC pipe to pass electric cable box complete as required up to 2" dia size.	25	Meter	O/R		
38.	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	500	P/Cft	O/R	-	
39.	M/P/Installation the distribution board along with locking arrangement made from MS.Sheet 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 following electric control system inside the box, the box should be installed at the given place with clamps and nuts bolts of size 18"x12"x6".	3	Job	O/R		
40.	Cable termination/connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armored at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	50	Job	O/R	-	

41.	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 labor as per site requirement and instruction of E/I.	100	No.	O/R		
42.	Making of MS pole window size 9"x5" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	15	Job	O/R		
43.	Dismantling & re-fixing of pole window cover including the cost of cutting grinding polishing welding with the help of generator and manual labor at the height of 6 ft to 8 ft from ground labor.	15	Job	O/R		
44.	Dismantling and cleaning of street light fitting 250 watts and re-fixing the same at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	100	Each	O/R		
45.	Providing / fixing of HT Tape.	15	Each	O/R		
46.	Providing / fixing of PVC Tape.	20	Each	O/R		
47.	P/F Angle iron Bracket accommodation for 4 to 6 flood lights with canopy at the height as per site requirement and instruction of E/I.	3	Each	O/R		
48.	P/F of Aluminum conductor for overhead electric supply as per following specification with the help of lifter or crane and other fixing accessories.					
	a) 16 mm.	300	Meter	O/R		
	b) 25 mm.	150	Meter	O/R		
	c) "U" insular clamps(GI).	50	No.	O/R		
	d) D iron clamps (GI) with nuts and bolts.	50	No.	O/R		

	e) Shackle insulator.	50	No.	O/R		
	f) Bolts with nuts and washers (GI) for insulator,	150	No.	O/R		
49.	Repairing of existing damage CC collar size 1-1/2'x1-1/2'x1/1/2' and 2'x2'x2' plastering curing complete in all respect as per site requirement and instruction of Engineer incharge.	25	Job	O/R		
50.	Making of MS pole window cover size 18"x8" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	15	Job	O/R		
51.	P/L (Main or sub-main) of PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 2.5 mm ² .	500	Meter	O/R.		
52.	Providing & fixing of LED street light 130 watts Make Oslo / Pierlite / Philips with internal wiring complete in all respect at the height with the help of hydraulic crane and instruction of Engineer incharge.	5	Each	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT WEST, KMC.

Estimated Cost:- Rs. 50,00,000/=

Bid Security:- Rs. 1,00,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	PART - A: (Items Based on S/R) amounting to Rs.36,71,923/= % Above / Below / At Par the S/R.	Rs. _____
2.	PART - B: (Items Based on O/R)	Rs. _____
GRAND TOTAL (A+B)		Rs. _____

The total amount is Rs. _____ (Rupees _____ (in Figure) _____ (In Words) _____ for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from _____ amounting to Rs. _____ as per NIT.
(Name of Bank)

Completion Time : 90 Days

Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable.

Signature of the Contractor with Stamp

Address: _____

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 80 /2013-14

BILL OF QUANTITIES

**IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN
DISTRICT MALIR, KMC.**

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - Rs.05.00 Million
Bid Security: - Rs.1,00,000/=
Tender Cost: - Rs.3,000/=

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

Eligibility:

- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp

KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT

Subject:- **IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT MALIR, KMC.**

Estimated Cost: **Rs.50,00,000/=**

Security Deposit: **Rs.1,00,000/=**

Tender Cost: **Rs.3,000/=**

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 1.5 mm ² .	500	Meter	88.00	Eighty Eight Rupees Only.	44,000
2.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 6 mm ² .	1000	Meter	233.00	Two Hundred & Thirty Three Only.	2,33,000
3.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 4 mm ² .	700	Meter	170.00	One Hundred & Seventy Only	1,19,000
4.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10 mm ² .	700	Meter	375.00	Three Hundred Seventy Five Only.	2,62,500
5.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with three core copper conductor 300/500 volts size 2.5 mm ² .	700	Meter	178.00	One Hundred & Seventy Eight Only.	1,24,600
6.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16 mm ² .	250	Meter	1300.00	Thirteen Hundred Only.	3,25,000
7.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 25 mm ² .	100	Meter	1909.00	Nineteen Hundred & Nine Only.	1,90,900
8.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 35 mm ² .	50	Meter	2529.00	Twenty Five Hundred & Twenty Nine Only.	1,26,450
9.	Providing & Fixing of MS Tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and manual labor. 6 meter (6" dia) x 3 meter (5" dia) x 3 meter (4" dia) = 40 ft.	5	Each	37797.00	Thirty Seven Thousand Seven Hundred & Ninety Seven Only.	1,88,985

	<p>Wall thickness 8 SWG. Base plate 18" x 18" x ¼". Hole 4 Nos. stiffeners 4 Nos. 9-1/2" x 4-1/2" x ½". Making window in the pole required size with LN Key provision. Two coats red oxide (2 coats) as rust preventive and of required oil paint(2 coat) as per site requirement and instruction of Engineer incharge.</p>					
10.	<p>Construction of RCC foundation as per following specification and instruction of Engineer incharge for 31 ft / 40 ft 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) 4 Nos. and making thread on MS rod. Template 16"x16"x1/4". Rings ¼" dia round bar 4 Nos. to the welded with MS rod. RCC foundation ratio 1:2:4 with appropriate size 2'x2'x6.5'.</p>	5	Each	15168.00	Fifteen Thousand One Hundred & Sixty Eight Only.	75,840
11.	<p>Manufacturing Providing & fixing GI single arm double arch as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft along with canopy. 2 Nos. MS clamps with nuts & bolts.</p>	10	Each	1546.00	Fifteen Hundred & Forty Six Only.	15,460
12.	<p>Manufacturing Providing & fixing GI double arm canopy type with the help of hydraulic crane and manual labor as per site requirement instruction of Engineer incharge with following specification GI pipe 2" dia 10 SWG 5 ft long. MS canopy 5" dia 1' long with nuts & bolts.</p>	5	Each	3086.00	Three Thousand & Eighty Six Only.	15,430
13.	<p>Providing & Fixing junction box as per following specification. Size of box 8"x6"x4". GI size 16 SWG thick. Clamp with nuts & bolts. Cover plate with screw. Painting two coats of rust preventive. Red Oxide and two coats of ICI oil</p>	5	Each	800.00	Eight Hundred Rupees Only.	4,000

	paint as per site requirement and instruction.				-	
14.	Providing & Fixing of street light 250 watts (SON) having IP-54 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	7	Each	10,105	Ten Thousand One Hundred & Five Only.	70,735
15.	Providing & Fixing of street light 250 watts (SON-T) having IP-66 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	10	Each	24790.00	Twenty Four Thousand Seven Hundred & Ninety Only.	2,47,900
16.	Providing & Fixing of flood light 400 watts (SON) having IP-65 classification with 400 watt lamp, choke, capacitor & internal wiring complete in all respect at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	5	Each	16980.00	Sixteen Thousand Nine Hundred & Eighty Only.	84,900
17.	P/F 250 watt (Son) at the height as per site requirement and instruction of Engineer incharge.	125	Each	1240.00	Twelve Hundred & Forty Only.	1,55,000
18.	P/F 250 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	100	Each	3990.00	Thirty Nine Hundred & Ninety Only.	3,99,000
19.	P/F 250 watt (Son) igniter in all respect at the height up to 40 ft of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	100	Each	1119.00	Eleven Hundred & Nineteen Only.	1,11,900
20.	P/F 400 watt (Son-T) lamp at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	25	Each	2132.00	Twenty One Hundred & Thirty Two Only.	53,300
21.	P/F 400 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	25	Each	4958.00	Forty Nine Hundred & Fifty Eight Only.	1,23,950
22.	P/F 2000 watt (HPIT) lamp at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	35350.00	Thirty Five Thousand Three Hundred & Fifty Only.	1,76,750

23.	P/F 2000 watt (HPIT) chowk at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	27430.00	Twenty Seven Thousand Four Hundred & Thirty Only.	1,37,150
24.	P/F igniter for 2000 watt (HPIT) at the height with the help of hydraulic crane as per site requirement and instruction of E/I.	5	Each	4575.00	Forty Five Hundred & Seventy Five Only.	22,875
25.	P/F circuit breaker 15,20,30,40,50 60, 75 & 100 Amps T.P XS-100NS on prepared board as required.	5	Each	9261.00	Nine Thousand Two Hundred & Sixty One Only.	46,305
26.	P/F 4 Nos. copper crimping Ferule for 16 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/I.	30	Each	1193.00	Eleven Hundred & Ninety Three Only.	35,790
27.	P/F 4 Nos. copper crimping Ferule for 25 mm armored/unarmored cable jointing with punching tool and skilled labor taping with heat shrinkable tube & proper termination, excavation in hard/soft soil 3 ft deep and 1.5 ft wide etc complete as per site requirement and instruction of E/I.	15	Each	1131.00	Eleven Hundred & Thirty One Only.	16,965
28.	P/F Magnetic contactor 50 F.C as required and as per instruction of Engineer incharge.	10	Each	9301.00	Ninety Three Hundred & One Only.	93,010
29.	P/F Magnetic contactor FC 65 N (100A) as required and as per instruction of Engineer incharge.	5	Each	11645.00	Eleven Thousand Six Hundred & Forty Five Only.	58,225
30.	P/F 10 Amps Photo Cell (National Japan) after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing of photo cell as required as per instruction of Engineer incharge.	12	Each	4494.00	Forty Four Hundred & Ninety Four Only.	53,928
31.	P/F coil for FC30N, FC35NS, FC50N after removing of existing / burnt / damage / old coil after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	15	Each	2055.00	Two Thousand Fifty Five Only.	30,825

32	P/F coil for FC 65N, 65NS & FC80 after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing the coil as required as per instruction of Engineer incharge.	10	Each	2825.00	Twenty Eight Hundred & Twenty Five Only.	28,250
	<u>Non Schedule Items.</u>					
33	Rewinding of Magnetic contractor coil FC50, 65, 80 and re-fixing the same.	25	Each	O/R	-	
34	P/F of GI junction box covers suitable size as per site requirement and as per instruction of Engineer incharge.	15	Each	O/R		
35	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer incharge i/c cost of shifting of debries.	5000	P/Cft	O/R		
36	P/L GI pipe 2" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer incharge.	25	Meter	O/R		
37	P/L flexible PVC pipe to pass electric cable box complete as required up to 2" dia size.	25	Meter	O/R		
38	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	500	P/Cft	O/R		
39	M/P/Installation the distribution board along with locking arrangement made from MS Sheet 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 following electric control system inside the box, the box should be installed at the given place with clamps and nuts bolts of size 18"x12"x6".	3	Job	O/R	-	
40	Cable termination/connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armored at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	50	Job	O/R		

41	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 labor as per site requirement and instruction of E/L.	100	No.	O/R		
42	Making of MS pole window size 9"x5" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	15	Job	O/R		
43	Dismantling & re-fixing of pole window cover including the cost of cutting grinding polishing welding with the help of generator and manual labor at the height of 6 ft to 8 ft from ground labor.	15	Job	O/R		
44	Dismantling and cleaning of street light fitting 250 watts and re-fixing the same at the height up to 40 ft with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	100	Each	O/R		
45	Providing / fixing of HT Tape.	15	Each	O/R		
46	Providing / fixing of PVC Tape.	20	Each	O/R		
47	P/F Angle iron Bracket accommodation for 4 to 6 flood lights with canopy at the height as per site requirement and instruction of E/L.	3	Each	O/R		
48	P/F of Aluminum conductor for overhead electric supply as per following specification with the help of lifter or crane and other fixing accessories.					
	a) 16 mm.	300	Meter	O/R		
	b) 25 mm.	150	Meter	O/R		
	c) "U" insular clamps(GI).	50	No.	O/R		
	d) D iron clamps (GI) with nuts and bolts.	50	No.	O/R		

	e) Shakle insulator.	50	No.	O/R		
	f) Bolts with nuts and washers (GI) for insulator,	150	No.	O/R	-	
49.	Repairing of existing damage CC collar size 1-1/2'x1-1/2'x1/2' and 2'x2'x2' plastering curing complete in all respect as per site requirement and instruction of Engineer incharge.	27	Job	O/R		
50.	Making of MS pole window cover size 18"x8" with 4 mm MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.	15	Job	O/R		
51.	P/L (Main or sub-main) of PVC insulated & PVC sheeted with single core copper conductor 300/500 volts size 2.5 mm ² .	500	Meter	O/R.	-	
52.	Providing & fixing of LED street light 130 watts Make Oslo / Pierlite / Philips with internal wiring complete in all respect at the height with the help of hydraulic crane and instruction of Engineer incharge.	5	Each	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: IMPROVEMENT & REHABILITATION OF STREET LIGHTING SYSTEM IN DISTRICT MALIR, KMC.

Estimated Cost:- Rs. 50,00,000/=

Bid Security:- Rs. 1,00,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	PART – A: (Items Based on S/R) amounting to Rs.36,71,923/= % Above / Below / At Par the S/R.	Rs. _____
2.	PART – B: (Items Based on O/R)	Rs. _____
GRAND TOTAL (A+B)		Rs. _____

The total amount is Rs. _____ (Rupees _____
(in Figure) (In Words) _____
for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from _____
amounting to Rs. _____ as per NIT.
(Name of Bank)

Completion Time : 90 Days

Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable.

Signature of the Contractor with Stamp

Address: _____

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 81 /2013-14

BILL OF QUANTITIES

**PROVIDING & INSTALLATION OF 02 NOS. PASSENGER LIFTS IN
EXISTING SHAFT BY DISMENTALING THE OLD LIFTS IN CIVIC CENTRE
BUILDING, KDA WING, KMC**

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - Rs.2.00 Million
Bid Security: - Rs.4,00,000/=
Tender Cost: - Rs.3,000/=

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

Eligibility:

- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp

KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT

Subject:- PROVIDING & INSTALLATION OF 02 NOS. PASSENGER LIFTS IN EXISTING SHAFT BY DISMANTLING THE OLD LIFTS IN CIVIC CENTRE BUILDING, KDA WING, KMC.

Estimated Cost: **Rs.2.00 Million**

Earnest Money: **Rs.4,00,000/=**

Tender Cost: **Rs.3,000/=**

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
A.	1) Traction Machine, Gear less Drive 9.2 KW, Motor Base & Deflecting Pulley 750 Kg, 10 Persons. (USA, Japan, South Korea, European). 2) Step control panel collective selective control V.V.V.F. type stops G+10=11 steps. (USA, Japan, South Korea, European). 3) Car Cabin (USA, Japan, South Korea, European). 4) Traveling Cable. (USA, Japan, South Korea, European). 5) Hall landing button with position indicator. (USA, Japan, South Korea, European). 6) Hoisting wiring. 7) Launching SWS (Sensor). 8) Main ropes steel wire. USA, Japan, South Korea, European). 9) Main Guide, USA, Japan, South Korea, European). 10) C/W Guide. USA, Japan, South Korea, European). 11) Voice Announcement System. USA, Japan, South Korea, European).	02	Complete Job			

	<p>12) Flooring Granite for car flooring.</p> <p>13) Landing Doors.</p> <p>14) Speed Governor. USA, Japan, South Korea, European).</p> <p>15) Buffers. USA, Japan, South Korea, European).</p>					
B.	<p>1) Emergency Landing Device. USA, Japan, South Korea, European).</p> <p>2) Voltage Stabilizer 50 KVA USA, Japan, South Korea, European).</p>					
C.	Dismantling of old Thyssen Passenger Lift installed at Central Block, Civic Centre Building as per direction of Engineer incharge.					
D.	Providing & Fixing 2.0 tons Split Air-conditioner (Dawlance, Di-cool, Hitachi & Mitsubishi) including 20' copper piping, suction & discharge, insulation, Mounting Bracket, Control wiring, Glass cutting etc. and commissioning of entire unit as per instruction of Engineer incharge.					

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: **PROVIDING & INSTALLATION OF 02 NOS. PASSENGER LIFTS IN EXISTING SHAFT
BY DISMANTLING THE OLD LIFTS IN CIVIC CENTRE BUILDING, KDA WING, KMC.**

Estimated Cost:- Rs. 2.00 Million

Bid Security:- Rs. 4,00,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

The total amount is Rs. _____ (Rupees _____
(in Figure) (In Words) _____
_____ for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from
_____ amounting to Rs. _____ as per NIT.
(Name of Bank)

Completion Time : 120 Days

Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable.

Signature of the Contractor with Stamp

Address: _____

KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 82 /2013-14

BILL OF QUANTITIES

IMPROVEMENT OF STREET LIGHTING SYSTEM AT KPT FLYOVER
DISTRICT SOUTH, KARACHI.

NOTE:

The Condition of contract will be available on KMC website (www.karachicity.gov.pk).

Estimate Cost: - Rs.82,44,130/=

Bid Security: - Rs.16,500/=

Tender Cost: - Rs.3,000/=

MINIMUM QUALIFICATION / ELIGIBILITY CRITERIA

The evidence / documents of the following minimum qualification / eligibility criteria will be checked during opening process of tender & if anyone is missing then the tender will be summarily rejected at the moment by the tender opening committee.

Eligibility:

- i). Valid PEC in C-6 and above category in relevant field.
- ii). NTN Certificate
- iii). Valid Professional TAX.

Minimum Qualification Criteria:

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount.
- ix). The evidence of ownership/lease of at least 03 Nos. construction Machinery out of Tractor, Grader, Dump Truck, Concrete Mixture & its allied equipment to the bidder.
- x). The minimum turn over / work experience with satisfactory completion report in last 2 years or at least two or more works in hand and their aggregate cost should be equal to the work cost in which bidder interested to participate.

Signature of the Bidder with Stamp

KARACHI METROPOLITAN CORPORATIN
ENGINEERING DEPARTMENT

Subject:- IMPROVEMENT OF STREET LIGHTING SYSTEM AT KPT FLYOVER DISTRICT SOUTH, KARACHI.

Estimated Cost: **Rs.82,44,130=**

Security Deposit: **Rs.16,500/=**

Tender Cost: **Rs.3,000/=**

S.No	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 2.5 mm ² .	1150	Meter	118.00	One Hundred & Eighteen Only.	1,35,700
2.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 300/500 volts size 10 mm ² .	200	Meter	742.00	Seven Hundred Forty Two Only.	1,48,400
3.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 16 mm ² .	250	Meter	1300.00	Thirteen Hundred Only.	3,25,000
4.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with four core copper conductor 600/1000 volts size 25 mm ² .	300	Each	1909.00	Nineteen Hundred & Nine Only.	5,72,700
5.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 10 mm ² .	100	Meter	375.00	Three Hundred Seventy Five Only.	37,500
6.	Providing & laying (Main or Sub Main) PVC insulated & PVC sheeted with two core copper conductor 300/500 volts size 6 mm ² .	200	Meter	233.00	Two Hundred & Thirty Three Only.	46,600
7.	Providing & Fixing of street light 250 watts (SON-T) having IP-66 classification with 250 watt lamp, choke, capacitor & internal wiring complete in all respect at the height with the help of hydraulic and instruction of Engineer incharge.	30	Each	24790.00	Twenty Four Thousand Seven Hundred & Ninety Only.	7,43,700
8.	P/F Magnetic contactor 65 FC as required and as per instruction of Engineer incharge.	2	Each	11645.00	Eleven Thousand Six Hundred & Forty Five Only.	23,290
9.	P/F circuit breaker 15,20,30,40,50 60, 75 & 100 Amps T.P XS-100NS on prepared board as required.	2	Each	9261.00	Nine Thousand Two Hundred & Sixty One Only.	18,522

10.	P/F 10 Amps Photo Cell (National Japan) after removing of existing / burnt / damage / old photo cell after disconnection of main power supply and reconnection the same after fixing of photo cell as required as per instruction of Engineer incharge.	2	Each	4494.00	Forty Four Hundred & Ninety Four Only.	8,988
11.	P/F 250 watt (Son) at the height as per site requirement and instruction of Engineer incharge.	150	Each	1240.00	Twelve Hundred & Forty Only.	1,86,000
12.	P/F 250 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	125	Each	3990.00	Thirty Nine Hundred & Ninety Only.	4,98,750
13.	P/F 250 watt (Son) igniter in all respect at the height up to 40 ft of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	125	Each	1119.00	Eleven Hundred & Nineteen Only.	1,39,875
14.	P/F 400 watt (Son-T) lamp at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	30	Each	2132.00	Twenty One Hundred & Thirty Two Only.	63,960
15.	P/F 400 watt (Son-T) chowk at the height with the help of hydraulic crane as per site requirement and instruction of Engineer incharge.	30	Each	4958.00	Forty Nine Hundred & Fifty Eight Only.	1,48,740
	<u>Non Schedule Items.</u>					
16.	P/F of round Conical Hot Dipped Galvanized pole with bracket 10 meter with pole at the top 2" and bottom 6" wall thickness 8 SWG Base plate 16"x16"x3/4" Dish type Holes 4 Nos. 1-1/4" Making window in the pole required size with LN key provision.	10	Job	O/R		
17.	P/F of round Conical Hot Dipped Galvanized pole with bracket 12 meter with pole at the top 2" and bottom 6" wall thickness 8 SWG Base plate 16"x16"x3/4" Dish type Holes 4 Nos. 1-1/4" Making window in the pole required size with LN key provision.	4	Job	O/R		
18.	P/F of over head electric supply as per following specification with the help of lifter or crane and other fixing accessories.					

	a) Shakel insulator	875	Each	O/R		
	b) Insular clamps (GJ).	1061	Each	O/R		
	c) Bolts with nuts and washer(GJ).	2997	Job	O/R		
	c) D iron clamps (GJ).	875	Job	O/R		
19.	P/F of (Aluminum) for over head electric supply as per following specification with the help of lifter or crane and other fixing accessories.					
	a) 6 SWG	13500	Meter	O/R		
	b) 10 SWG	6500	Meter	O/R		
20.	Joining work of 10mm to 35mm 4 core armored / unarmored cable including the cost of lugs, HT tape / PVC tape with the help of hydraulic punching machine and manual labor as per site requirement and instruction of Engineer incharge.	20	Each	O/R		
21.	Disconnection of main power supply 4 core 16 mm to 35 mm armored / unarmored cable from KESC pole for maintenance purpose or due to cable fault / cable jointing work after the attending that trouble shooting then reconnection the same with proper phase sequence skilled labor as required as per instruction of Engineer incharge.	1	Job	O/R		
22.	Tracing of cable fault / for its root tracing, testing and commissioning of 10 mm to 35 mm 4 core PVC/PVC or armored cable to pole as per site requirement with following test method. . Insulation test 4 wire system. . Continuity test 4 wire system. . Short circuit test 4 wire + 1 ECC.	1	Job	O/R		

23.	Cable termination/connection, testing and commissioning 4 core / 3 core / 3-1/2 core PVC / armored at both ends inside the junction box with suitable 4x100 Amps PVC connector complete in all respect as required.	50	Job	O/R		
24.	Excavation and back filling hard/soft rock soil as required up to 3 ft as per site requirement and instruction of Engineer incharge.	6400	P/Cft	O/R		
25.	Making of CC work with ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	1600	P/Cft	O/R		
26.	Dismantling of CC work and remaking the same CC work ratio 1:2:4 and curing (07 days) as per site requirement and instruction of Engineer incharge.	1000	P/Cft	O/R.		
27.	P/L GI pipe 2" dia heavy duty for electric wiring purpose with special. The work should be carried out as per site requirement and instruction of Engineer incharge.	50	Meter	O/R		
28.	P/L flexible PVC pipe to pass electric cable box complete as required up to 2" dia size.	50	Meter	O/R		
29.	Dismantling of street light pole 10/12 meter long or less pre cast foundation / grouted type wit the help of hydraulic crane and manual labor i/c the cost of loading and unloading and transportation from KMC workshop or one site to another site as per site requirement and instruction of Engineer incharge.	5	Job	O/R		
30.	Making of hole top and bottom of the given pole two Nos. with gas cutter and manual labor i/c the higher charges of Suzuki pickup as per site requirement and instruction of Engineer incharge.	170	Each	O/R		
31.	Dismantling and cleaning of street light fitting 250 watts and re-fixing the same at the height up to 10/12 meter with the help of hydraulic crane and manual labor as per site requirement and instruction of Engineer incharge.	193	Each	O/R		

32	<p>M/P/Installation the distribution board along with locking arrangement made from MS.Sheet 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 following 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.</p> <p>1-60 Amps circuit breaker (Tersaski/LG/Muiller) 1- Magnetic contractor FC-50 (Green power/LG/Muller). 1-10 Amps Photo Cell (National Japan)WIP.</p>	4	Job	O/R		
33.	<p>M/P/Installation the distribution board along with locking arrangement made from MS. Sheet 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 following 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.</p> <p>1-100 Amps circuit breaker (Tersaski /LG/Muiller) 1- Magnetic contractor FC-65 (Green power/LG/Muller). 1-10 Amps Photo Cell (National Japan)WIP.</p>	2	Job	O/R		
34	<p>Making of MS pole window cover size 9"x5" with 8 SWG MS sheet including cost of cutting grinding polishing i/c cost of welding of window cover at the height of 6 ft with the help of generator, welding plant and manual labor complete as required.</p>	35	Job	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: **IMPROVEMENT OF STREET LIGHTING SYSTEM AT KPT FLYOVER DISTRICT SOUTH, KARACHI.**

Estimated Cost:- Rs. 82,44,130/=

Bid Security:- Rs. 16,500/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	<u>PART - A:</u> (Items Based on S/R) amounting to Rs.30,97,725/=	Rs. _____
	% Above / Below / At Par the S/R.	
2.	<u>PART - B:</u> (Items Based on O/R)	Rs. _____
GRAND TOTAL (A+B)		Rs. _____

The total amount is Rs. _____ (Rupees _____
(in Figure) (In Words) _____
for complete job.

I / We have attached a pay order bearing No. _____ dated _____ issued from _____
amounting to Rs. _____ as per NIT.

(Name of Bank)

Completion Time : 90 Days

Penalty per day: Rs. 3,000/=

Note:

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- All prevailing rules regarding condition of contract will be applicable.

Signature of the Contractor with Stamp

Address: _____
