



229/13-14

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

4th Floor, Room No. C-412, Civic Centre, Gulshan-e-Iqbal, Karachi
Phone: 021-99232426, Fax: 021-99230669

No. S.E/(CM)/ED/KMC/ 410 /13

Dated: - 05/11/2013

NOTICE INVITING TENDER
(As per SPPRA Guideline)

Tender in sealed covers are invited on Schedule Plus Offer Rate Basis for the following works from the firms having registration with Pakistan Engineering Council and having Electric Contractors License from Electric Inspector Government of Sindh in relevant field (For Electrical work only).

S. No.	Tender Reference No.	Name Of Work	Estimated Cost	Bid Security (Rs.)	Tender cost (Rs.)	Eligibility
1.	KMC/CM/ED/47/2013-14	Improvement of Traffic Circulation in Front of Abbasi Shaheed Hospital, Liaquatabad Zone (Central), KMC.	Rs.70,34,399/=	Rs.1,40,700/=	Rs.3,000/=	1. Valid PEC in C-6 & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
2.	KMC/CM/ED/58/2013-14	Providing & Laying of Pipe Drain for Channeling & Maintenance of Naizmabad Underpass, Liaquatabad Zone, Central KMC.	Rs.1,08,97,914/=	Rs.2,18,000/=	Rs.3,000/=	1. Valid PEC in C-6 & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
3.	KMC/CM/ED/70/2013-14	Providing & Laying of Pipe Drain for Channeling & Maintenance of Liaquatabad Underpass, Liaquatabad Zone, Central KMC.	Rs.56,91,329/=	Rs.1,14,000/=	Rs.3,000/=	1. Valid PEC in C-6 & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
4.	KMC/CM/ED/71/2013-14	Providing & Laying of Pipe Drain for Channeling & Maintenance of Gharibabad Underpass, Liaquatabad Zone, Central KMC.	Rs.51,59,595/=	Rs.1,03,500/=	Rs.3,000/=	1. Valid PEC in C-6 & above in relevant category. 2. NTN Certificate. 3. Valid Professional Tax.
5.	KMC/CM/ED/69/13-14	Development of Oil Tankers Parking Terminal at Zulfiqarabad Phase-II (Electrical Work).	Rs.58,39,896/=	Rs.1,17,000/=	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>12-11-2013</u> to <u>27-11-2013</u> During Office Hours	Office of Director Accounts, Engineering Department, 4 th Floor Civic Centre, Gulshan-e-Iqbal.
2. Dropping of Tender	<u>28-11-2013</u> 2:00 pm	Committee Room of D.G. (TS) 4 th Floor, Civic Centre, Gulshan-e-Iqbal.
3. Opening of Tender	<u>28-11-2013</u> At 2:30 pm	Committee Room of D.G. (TS) 4 th Floor, Civic Centre, Gulshan-e-Iqbal.

INWARD DIARY
NO: 60/4
DATED: 11/11

TERMS & CONDITIONS.

1. 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 16-12-2013 and the tender documents will be available for sale up to 13-12-2013.
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 security will be forfeited by the procuring agency.
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(with request to 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 (05 set,of tender documents enclosed).

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

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/ /2013-14

BILL OF QUANTITIES

**IMPROVEMENT OF TRAFFIC CIRCULATION IN FRONT OF ABBASI
SHAHEED HOSPITAL, LIAQUATABAD ZONE(CENTRAL), KMC.**

NOTE:

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

Estimate Cost: - Rs.70,34,399/=

Bid Security: - Rs.1,40,700/=

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 TRAFFIC CIRCULATION IN FRONT OF
ABBASI SHAHEED HOSPITAL LIAQUATABAD ZONE (CENTRAL,
KMC.

Estimated Cost: **Rs.70,34,399/=**

Bid Security: **Rs.1,40,700/=**

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

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Dismantling of Cement Concrete Plain 1:2:4.	3000	% Cft	3327.50	Thirty Three Hundred Twenty Seven & Fifty Paise Only.	99,825
2.	Excavation for foundation of building bridges and other structures i/c deg-belling dressing refilling around structure with excavated earth watering and ramming lead up to 5 ft.	6000	% 0 Cft	2722.50	Twenty Seven Hundred Twenty Two & Fifty Paise Only.	16,335
3.	Cartage of 100 Cft / 5 Tones of all materials like stone aggregate, spawl, coal, lime, surkhi etc. B.G Rail fastenings points and crossing bridge girders pipes sheets Rails M.S Bars etc or 1000 Nos. bricks 10'x5'x3' or 1000 Cft. Of timer or 100 Maunds of fuel wood by trucks or any other means owned by the contractors (lead up to 5 miles etc).	9000	% Cft	714.29	Seven Hundred Fourteen & Twenty Nine Paise Only	64,286
4.	Cement Concrete brick or stone blast 1 1/2" to 2" gauge ratio 1:4:8.	1500	% Cft	9416.28	Ninety Four Hundred Sixteen & Twenty Eight Paise Only	1,41,244
5.	Erection & removal of centering for RCC or Plain CC work of deodar wood (2 nd class).	7000	% Sft	3588.48	Thirty Five Hundred Eighty Eight & Forty Eight Paise Only.	2,51,194
6.	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4.	7000	% Cft	14429.25	Fourteen Thousand Four Hundred Twenty Nine & Twenty Five Paise Only.	10,10,048
7.	Reinforced cement concrete including all labor and material except the cost of steel reinforced ad its labor for bending and binding which will be paid separately. This rate also includes	550	P/Cft	285.61	Two Hundred Eighty Five & Sixty One Paise Only	1,42,236

	all kind of forms moulds lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle).					
8.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also i/c removal of rust from bars).	22.10	P/Cwt	5001.70	Five Thousand One & Seventy Paise Only.	1,10,538
9.	Cement Plaster 1:4 up to 12' height.	7000	% Sft	2283.93	Twenty Two Hundred Eighty Three & Ninety Three Paise Only.	1,59,875
10.	Fabrication of Heavy steel work with angle tees, flat iron, round iron and sheets iron for making trusses girders tanks, etc i/c cutting, drilling riveting handling assembling and fixing but excluding erection in position.	178.71	P/Cwt	4928.49	Forty Nine Hundred Twenty Eight & Forty Nine Paise Only.	8,80,770
11.	Erection & fitting in position of iron trusses staging of water tanks etc.	232.50	P/Cwt	271.04	Two Hundred Seventy One & Four Paise Only.	63,017
12.	Providing & fixing cement paving blocks flooring having a size of (197x97x60) mm of city / quddra / cobble shape with natural color having a strength of between (5000 psi to 8500 psi) i/c filling the joint with hill sand & laying in specified manner / pattern & design etc complete.	18000	P/Sft	199.77	One Hundred Ninety Nine & Seventy Seven Paise Only.	35,95,860
13.	Preparing & painting on kerb block etc complete as directed by the Engineer (two coats).	1250	% Sft	1421.75	Fourteen Hundred Twenty One & Seventy Five Paise Only.	17,772
14.	P/F fair face industrially produced pre-cast kerb stone with ratio by weight of 1:1.5:3 (one part SR cement 1.5 part screened sand and 3 part crushed stone) cement concrete having maximum cube crushed strength of 3750 psi after 28 days and having weight etc complete.	1000	P/Rft	297.01	Two Hundred Ninety Seven & One Paise Only.	2,97,010
15.	P/F collapsible gate with channel framing of section 3/4" x 5/16" at 4" i/c riveted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top and bottom T-	252	P/Sft	387.04	Three Hundred Eighty Seven & Forty Paise Only.	97,534

	Section 1" x 1" 1/8" along with rollers also i/c locking arrangement and fixing in floor / ceiling or wall etc complete 99-32.					
16.	Preparing the surface & painting with Plastic Emulsion paint with approved make to old emulsion paint on old surface etc complete Three Coats.	7440	% Sft	1980.83	Nineteen Hundred Eighty & Eighty Three Paise Only.	1,47,374
17.	Stone pitching hand packed with surface leveled off to the correct section with hammer dressed stone & voids filled in 1:8 ratio cement mortar in floor of bridge & along hands & in aprons etc. i/c lead 3 chain.	4500	% Cft	7708.47	Seventy Seven Hundred Eight & Forty Seven Paise Only.	3,46,881
18.	Cement pointing flush up to 20' height.	30000	% Sft	1151.32	Eleven Hundred Fifty One & Thirty Two Paise Only.	3,45,396
19.	P/A pavement marking 2mm thick thermoplastic paint with drop on glass beads shall conform with AASHTO designation M-247 the surface should be clean from dust and dust before applying by using mechanical mean blower i/c all necessary arrangement for diversion of traffic etc (i/c arrows).	500	P/Rft	41.24	Forty One Rupees & Twenty Four Paise Only.	20,620
20.	Providing and fixing road studs reflectors with spike, aluminum body to be fixed at the interval 6m and the lane end. The size of the body 108 mm x 104 mm x 20 mm, the spike sign 23 mm AE and length 50 m (i/c body 70 m) the lanes reflectors size 96 mm x 26 mm at degree 29 fix to mechanically for the reflection as international standard as desired by the Engineer incharge, the road studs be filled by the chemical epoxy for the jointing the same to bituminous carpet. As per the manufacture standard to be approved by the Engineer incharge. a) Single face lane road studs/rate. b) Double face lane road studs/rate.	500	Each	596.23	Five Hundred Ninety Six & Twenty Three Paise Only.	2,98,115

21.	P/L Color Create, Grafto, Texture, over cement plaster etc complete.	6804.41	% Sft	6319.50	Sixty Three Hundred Nineteen & Fifty Paise Only.	4,30,005
22.	P/L fair faced reinforced cement concrete new jersey barrier having a 3000 psi compressive cylindrical strength concrete (ready mix concrete) (area 3.5 Sft) as per drawing i/c the cost of excavation, form work, 1450 psi lean concrete compressive cylindrical strength etc complete with all respect. (Excluding the cost reinforcement).	500	P/Rft	514.13	Five Hundred Fourteen & Thirteen Paise Only.	2,57,065

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: IMPROVEMENT OF TRAFFIC CIRCULATION IN FRONT OF ABBASI SHAHEED HOSPITAL LIAQUATABAD ZONE (CENTRAL, KMC).

Estimated Cost:- Rs. 70,34,399/=

Bid Security:- Rs. 1,40,700/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

PART - A: (Items Based on S/R) amounting to Rs.87,93,000/= ✓ % Below the S/R.	Rs. _____
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The total amount is Rs. _____ (Rupees _____ (In Words)
(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 : 60 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.
- 20% below is the maximum ceiling on schedule items 2012 by the authority.

Signature of the Contractor with Stamp

Address: _____

Checked By:-

KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/58/2013-14

BILL OF QUANTITIES

PROVIDING & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF NAZIMABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.

NOTE:

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

Estimate Cost: - Rs.1,08,97,914/=
Bid Security: - Rs.2,18,000/=
Tender Cost: - Rs.3,000/=

Created at 4/6/12

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 & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF NAZIMABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.**

Estimated Cost: **Rs.1,08,97,914/=**

Bid Security: **Rs.2,18,000/=**

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

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Dismantling of Cement Concrete Plain 1:2:4.	7500	% Cft	3327.50	Thirty Three Hundred Twenty Seven & Fifty Paise Only.	2,49,563
2.	Dismantling of Cement Concrete Reinforcement separating reinforcement from concrete cleaning straightening the same.	3000	% Cft	5445.00	Fifty Four Hundred & Forty Five Only.	1,63,350
3.	Earth Work Excavation undressed lead up to a single throw of kassi phawrah or shovel.	2160	% 0 Cft	1361.25	Thirteen Hundred Sixty One & Twenty Five Only	2,940
4.	Excavation for foundation of building bridges and other structures i/c deg-belling dressing refilling around structure with excavated earth watering and ramming lead up to 5 ft.	40000	% 0 Cft	2722.50	Twenty Seven Hundred Twenty Two & Fifty Paise Only.	1,08,900
5.	Cartage of 100 Cft / 5 Tones of all materials like stone aggregate, spawl, coal, lime, surkhi etc. B.G Rail fastenings points and crossing bridge girders pipes sheets Rails M.S Bars etc or 1000 Nos. bricks 10'x5'x3' or 1000 Cft. Of timer or 100 Maunds of fuel wood by trucks or any other means owned by the contractors (lead up to 5 miles etc).	52660	% Cft	714.29	Seven Hundred Fourteen & Twenty Nine Paise Only	3,76,145
6.	Providing / Laying, fixing in trenches i/c cutting, fitting & jointing & testing etc complete in all respect the high density POLYTHYLENE P.E pipe (HDPE-100) for W/S conforming ISO 4427/din 8074/8075 B.S 3580 & psi 3051. 280 mm	400	P.Rft	1313.00	Thirteen Hundred & Thirteen Only.	5,25,200

7.	P/L concrete having 2250 psi cylindrical strength (Ready mix concrete) i/c placing, compacting, finishing, curing complete in all respect as shown on the drawings & as directed by the Engineer incharge (excluding the cost of steel reinforcement).	7500	% Cft	26004.61	Twenty Six Thousand Four & Sixty One Paisa Only.	19,50,346
8.	P/L reinforcement cement concrete having 4000 psi cylindrical strength (Ready mix concrete) i/c placing, compacting, finishing, curing complete in all respect as shown on the drawings & as directed by the Engineer incharge (excluding the cost of steel reinforcement).	7540	% Cft	28814.66	Twenty Eight Thousand Eight Hundred Fourteen & Sixty Six Paisa Only.	21,72,625
9.	Erection & removal of centering for RCC or Plain CC work of deodar wood (2 nd class).	18000	% Sft	3588.48	Thirty Five Hundred Eighty Eight & Forty Eight Paisa Only.	6,45,926
10.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire (also i/c removal of rust from bars).	302.95	P/Cwt	5001.70	Five Thousand One & Seventy Paisa Only.	15,15,247
11.	P/S/F RCC grating cover slab in size (Izhar made) as per direction of Engineer incharge 6" thick.	612	P/Sft	O/R		
	9" thick.	144	P/Sft	O/R		
12.	Scarifying the existing road surface.	36000	% Sft	116.16	One Hundred Sixteen & Sixteen Paisa Only.	41,818
13.	P/L Aggregate Base Course in proper grade & camber having CBR 80% as per (AASHTO) standard specifications i/c spreading & compacting by approved mechanical means (Motor grader, vibratory roller road packer and smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall be 100% to the max dry density (rate i/c all of material T&P & carriage up to 3 chains).	6000	% Cft	5542.24	Fifty Four Hundred Forty Two & Twenty Four Paisa Only.	3,32,534

14.	P/S prime coat with medium curing cut back asphalt of pen: grade 60/70 prime coat shall be use at the rate of 11 liters %Sft at 70-C temperature mixed with adequate quantity of Kerosene Oil using uniformly pressure spray boiler with automatic temperature controller prior to the application of prime coat all loose material shall be removed by mean of mechanical sweeper/blower & hard grooms and disposal 3-miles after applying traffic shall be kept off from the surface till laying of bituminous course. Martial and methodology shall fully comply the specification of AASHTO.	36000	P/Sft	O/R		
15.	Providing and laying plant mix asphaltic concrete binder course compacted thickness 3" (75mm thick) as per approved job mix formula approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140-C compacted by steel wheel & PTR roller. The procedure methodology shall fully comply with AASHTO and as directed by the engineer in charge. Minimum bitumen content should be minimum 3.5%. Binder course shall be spread using paver's machine rolling & finishing to design proper grade & line & level camber etc machinery with POLs cost of material carriage.	7560	% Sft	8274.73	Eighty Two Hundred Seventy Four & Seventy Three Paise Only.	6,25,570
16.	Applying priming coat or tack coat with approved binder at the required the road surface thoroughly, heating to the required temperature & spraying the binder with pressure as directed etc complete.	36000	% Sft	64.96	Sixty Four Rupees & Ninety Six paise Only.	23,386
17.	P/L proper line grade 1 ½" thick premixed with paver machine prepared to specified formula accordingly to job mix formula approved to the Engineer incharge i/c rolling & finishing to proper line, grade, level & etc (rate i/c all	36000	% Sft	6488.32	Sixty Four Hundred Eighty Eight & Thirty Two Paise Only.	23,35,795

	cost of material T&P and carriage up to 3 chains.					
18.	Pavement marking in reflective Thermo Plastic Paint for lines of 6" width.	4000	P/Rft	41.24	Forty One Rupees & Twenty Four Paisa Only.	1,64,960
19.	Supplying & fixing of reflectorized road studs double face, flush surface type.	1200	Each	596.23	Five Hundred Ninety Six & Twenty Three Paisa Only.	7,15,476
20.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Regular sign 3' dia circular shape & fixing at site as directed by Engineer incharge.	4	Each	O/R		
21.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Warning sign board 3' x 3' x 3' Triangle shape & fixing at site as directed by Engineer incharge.	4	Each	O/R		
22.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe information sign board (C-I category 3' x 3') & fixing at site as directed by Engineer incharge.	4	Each	O/R		
23.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe information sign board (C-II category 3' x 4' x 6") & fixing at site as directed by Engineer incharge.	4	Each	O/R		

24.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Direction sign board (3' x 3' x 4") & fixing at site as directed by Engineer incharge.	4	Each	O/R		
25.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum also reflective paint upon G.I pipe Rougher Light Red or Yellow Color best quality which is available in market etc complete i/c all kind of safety of the public & fixing at site as directed by Engineer incharge.	3	Each	O/R		
26.	Removing & Shifting of fabricated plates from underpass to KMC store within 10 miles i/c transportation loading unloading etc complete. 150 Kg each plate.	120	Each	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: I PROVIDING & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF NAZIMABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.

Estimated Cost:- Rs. 1,08,97,914/=

Bid Security:- Rs. 2,18,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	<u>PART – A:</u> (Items Based on S/R) amounting to Rs.1,19,49,781/=	Rs. _____
	% Below 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 : 60 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.
- 15% below is the maximum ceiling on schedule items 2012 by the authority.

Signature of the Contractor with Stamp

Address: _____

Checked By:-

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 70 /2013-14

BILL OF QUANTITIES

**PROVIDING & LAYING OF PIPE DRAIN FOR CHANNELING &
MAINTENANCE OF LIAQUATABAD UNDERPASS, LIAQUATABAD ZONE,
CENTRAL KMC.**

NOTE:

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

Estimate Cost: - Rs.56,91,329/=

Bid Security: - Rs.1,14,000/=

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 & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF LIAQUATABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.

Estimated Cost: **Rs.56,91,329/=**

Bid Security: **Rs.1,14,000/=**

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

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Earth Work Excavation undressed lead up to a single throw of kassi phawrah or shovel.	2160	% 0 Cft	1361.25	Thirteen Hundred Sixty One & Twenty Five Only	2,940
2.	Cartage of 100 Cft / 5 Tones of all materials like stone aggregate, spawl, coal, lime, surkhi etc. B.G Rail fastenings points and crossing bridge girders pipes sheets Rails M.S Bars etc or 1000 Nos. bricks 10'x5'x3' or 1000 Cft. Of timer or 100 Maunds of fuel wood by trucks or any other means owned by the contractors (lead up to 5 miles etc).	2160	% Cft	714.29	Seven Hundred Fourteen & Twenty Nine Paisa Only	15,429
3.	Providing / Laying, fixing in trenches i/c cutting, fitting & jointing & testing etc complete in all respect the high density POLYTHYLENE P.E pipe (HDPE-100) for W/S conforming ISO 4427/din 8074/8075 B.S 3580 & psi 3051. 280 mm.	800	P.Rft	1313.00	Thirteen Hundred & Thirteen Only.	10,50,400
4.	P/L concrete having 2250 psi cylindrical strength (Ready mix concrete) i/c placing, compacting, finishing, curing complete in all respect as shown on the drawings & as directed by the Engineer incharge (excluding the cost of steel reinforcement).	1000	% Cft	26004.61	Twenty Six Thousand Four & Sixty One Paisa Only.	2,60,046
5.	P/L reinforcement cement concrete having 4000 psi cylindrical strength (Ready mix concrete) i/c placing, compacting, finishing, curing complete in all respect as shown on the drawings & as	2000	% Cft	28814.66	Twenty Eight Thousand Eight Hundred Fourteen & Sixty Six Paisa Only.	5,76,293

	directed by the Engineer incharge (excluding the cost of steel reinforcement).					
6.	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending lying in position making joints and fastening i/c cost of binding wire (also i/c removal of rust from bars).	80.36	P/Cwt	5001.70	Five Thousand One & Seventy Paise Only.	4,01,922
7.	P/S/F RCC grating cover slab in size (Izhar made) as per direction of Engineer incharge 6" thick.	612	P/Sft	O/R		
8.	Scarifying the existing road surface.	36000	% Sft	116.16	One Hundred Sixteen & Sixteen Paise Only.	41,818
9.	Providing and laying plant mix asphaltic concrete binder course compacted thickness 3" (75mm thick) as per approved job mix formula approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140-C compacted by steel wheel & PTR roller. The procedure methodology shall fully comply with AASHTO and as directed by the engineer in charge. Minimum bitumen content should be minimum 3.5%. Binder course shall be spread using paver's machine rolling & finishing to design proper grade & line & level camber etc machinery with POLs cost of material carriage.	7560	% Sft	8274.73	Eighty Two Hundred Seventy Four & Seventy Three Paise Only.	6,25,570
10.	Applying priming coat or tack coat with approved binder at the required the road surface thoroughly, heating to the required temperature & spraying the binder with pressure as directed etc complete.	36000	% Sft	64.96	Sixty Four Rupees & Ninety Six paise Only.	23,386
11.	P/L proper line grade 1 1/2" thick premixed with paver machine prepared to specified formula accordingly to job mix formula approved to the Engineer incharge i/c rolling & finishing to proper line, grade, level & etc (rate i/c all cost of material T&P and carriage up to 3 chains.	36000	% Sft	6488.32	Sixty Four Hundred Eighty Eight & Thirty Two Paise Only.	23,35,795

12.	Pavement marking in reflective Thermo Plastic Paint for lines of 6" width.	4000	P/Rft	41.24	Forty One Rupees & Twenty Four Paisa Only.	1,64,960
13.	Supplying & fixing of reflectorized road studs double face, flush surface type.	1200	Each	596.23	Five Hundred Ninety Six & Twenty Three Paisa Only.	7,15,476
14.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Regular sign 3' dia circular shape & fixing at site as directed by Engineer incharge.	4	Each	O/R		
15.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Warning sign board 3' x 3' x 3' Triangle shape & fixing at site as directed by Engineer incharge.	4	Each	O/R		
16.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe information sign board (C-I category 3' x 3') & fixing at site as directed by Engineer incharge.	4	Each	O/R		
17.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe information sign board (C-II category 3' x 4' x 6") & fixing at site as directed by Engineer incharge.	4	Each	O/R		
18.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting	4	Each	O/R		

	both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Direction sign board (3' x 3' x 4") & fixing at site as directed by Engineer incharge.					
19.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum also reflective paint upon G.I pipe Rougher Light Red or Yellow Color best quality which is available in market etc complete i/c all kind of safety of the public & fixing at site as directed by Engineer incharge.	3	Each	O/R		
20.	Removing & Shifting of fabricated plates from underpass to KMC store within 10 miles i/c transportation loading unloading etc complete. 150 Kg each plate.	120	Each	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: I PROVIDING & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF LIAQUATABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.

Estimated Cost:- Rs. 56,91,329/=
Bid Security:- Rs. 1,14,000/=
Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	<u>PART - A:</u> (Items Based on S/R) amounting to Rs.62,14,035/= % Below 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 : 60 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.
- 15% below is the maximum ceiling on schedule items 2012 by the authority.

Signature of the Contractor with Stamp

Address: _____

Checked By:-

Sr. #04

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 71 /2013-14

BILL OF QUANTITIES

PROVIDING & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF GHARIBABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.

NOTE:

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

Estimate Cost: - Rs.51,59,595/=

Bid Security: - Rs.1,03,500/=

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:

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- ii). NTN Certificate
- iii). Valid Professional TAX.

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- 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 & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF GHARIBABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.**

Estimated Cost: **Rs.51,59,595/=**

Bid Security: **Rs.1,03,500/=**

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

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
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7.	P/S/F RCC grating cover slab in size (Izhar made) as per direction of Engineer incharge 6" thick.	612	P/Sft	O/R		
8.	Scarifying the existing road surface.	36000	% Sft	116.16	One Hundred Sixteen & Sixteen Paise Only.	41,818
9.	Applying priming coat or tack coat with approved binder at the required the road surface thoroughly, heating to the required temperature & spraying the binder with pressure as directed etc complete.	36000	% Sft	64.96	Sixty Four Rupees & Ninety Six paise Only.	23,386
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12.	Supplying & fixing of reflectorized road studs double face, flush surface type.	1200	Each	596.23	Five Hundred Ninety Six & Twenty Three Paise Only.	7,15,476
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14.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also	4	Each	O/R		

	reflective paint upon G.I pipe Warning sign board 3' x 3' x 3' Triangle shape & fixing at site as directed by Engineer incharge.					
15.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe information sign board (C-I category 3' x 3') & fixing at site as directed by Engineer incharge.	4	Each	O/R	-	
16.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe information sign board (C-II category 3' x 4' x 6") & fixing at site as directed by Engineer incharge.	4	Each	O/R	-	
17.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum with diamond grade reflective sheeting both side & writing the wards with reflective sheeting & also reflective paint upon G.I pipe Direction sign board (3' x 3' x 4") & fixing at site as directed by Engineer incharge.	4	Each	O/R		
18.	Sign board with 2" G.I pipe i/c 1'-6" x 1'-6" using G.I plates having a weight 10 Kg minimum also reflective paint upon G.I pipe Roughter Light Red or Yellow Color best quality which is available in market etc complete i/c all kind of safety of the public & fixing at site as directed by Engineer incharge.	3	Each	O/R	-	
19.	Removing & Shifting of fabricated plates from underpass to KMC store within 10 miles i/c transportation loading unloading etc complete. 150 Kg each plate.	120	Each	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

- **Subject:** I PROVIDING & LAYING OF PIPE DRAIN FOR CHANNELING & MAINTENANCE OF GHARIBABAD UNDERPASS, LIAQUATABAD ZONE, CENTRAL KMC.
- **Estimated Cost:-** Rs. 51,59,595/=
- Bid Security:-** Rs. 1,03,500/=
- Tender Cost: -** Rs.3,000/=

I / We hereby quoted as follows:

1.	PART - A: (Items Based on S/R) amounting to Rs.55,88,465/= % Below the S/R.	Rs. _____
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 : 60 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.
- 15% below is the maximum ceiling on schedule items 2012 by the authority.

Signature of the Contractor with Stamp

Address: _____

Checked By:-

KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT



Tender Reference No.KMC/CM/ED/ 69 /2013-14

BILL OF QUANTITIES

**DEVELOPMENT OF OIL TANKERS PARKING TERMINAL AT
ZULFIQARABAD PHASE-II(ELECTRICAL WORK).**

NOTE:

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

Estimate Cost: - Rs.58,39,896/=

Bid Security: - Rs.1,17,000/=

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.
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- 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 CORPORATION
ENGINEERING DEPARTMENT

Subject:- DEVELOPMENT OF OIL TANKERS PARKING TERMINAL AT ZULFIQARABAD PHASE-II (ELECTRICAL WORK).

Estimated Cost: **Rs.58,39,896=**

Security Deposit: **Rs.1,17,000/=**

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

S.No.	DESCRIPTION	QTY	UNIT	Rate (in figure)	Rate (in figure)	AMOUNT
1.	Excavation and back filling at a depth up to 3 feet and shifting of debris.	22100	P/Cft	O/R		
2.	Point wiring with 2x1.5 mm PVC copper conductor while for fan, light, bell in 3/4" dia PVC pipe recessed in the wall complete as required.	8	Each	1380.00	Thirteen Hundred & Eighty Only.	11,040
3.	Circuit wiring with 2x2.5 mm PVC copper conductor while one wire as ECC for fan, light, bell in 3/4" dia PVC pipe recessed in the wall complete as required.	2	Each	O/R		
4.	Half point with 2x1.5 mm PVC copper conductor for multi purpose only.	2	Each	O/R		
5.	Power plug point with 3x4 mm PVC copper conductor while one wire as ECC i/c 3 pin power plug with back box complete as required.	1	Each	O/R		
6.	Same as item No. 4 but 5 pin light plug including light plug and back box.	2	Each	O/R		
7.	P/F of ceiling fan 56" size with dimmer and back box complete as required.	1	Each	3185.00	Thirty One Hundred & Eighty Five Only.	3,185
8.	P/F of fan hook to hang the fan in proper alignment complete as required.	1	Each	O/R		
9.	P/F of Energy Saver Lamp 24/23 watt thread type with holder complete as required (Philips).	4	Each	O/R		
10.	Providing & Fixing of MS Tubular pole as per following specification to be fixed on pre cast foundation with the help of hydraulic crane and	9	Each	37797.00	Thirty Seven Thousand Seven Hundred & Ninety Seven Only.	3,40,173

	<p>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 1/4".</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>					
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>	9	Each	15168.00	Fifteen Thousand One Hundred & Sixty Eight Only.	1,36,512
12.	<p>Supply and installation of 2000 watts Philips Make Arena vision flood light with lamp and gear components. Aiming at the height of site requirement & complete in all respect.</p>	9	Each	148360.00	One Lac Forty Eight Thousand Three Hundred & Sixty Only.	13,35,240
13.	<p>Earthing set as per Pak PWD specification with inspection chamber, copper plate/rod 2x8 SWG copper conductor, GI pipe 1" dia and charcoal mixture dept of pit up to 12' complete as required.</p>	2	Each	O/R		
14.	<p>P/F cable copper conductor as per following specifications</p>					
a)	4/C able 16 mm ² PVC/SWA.	1500	Meter	1679.00	Sixteen Hundred & Seventy Nine Only.	25,18,500
b)	2x4 mm cable PVC/PVC.	180	Meter	147.00	One Hundred Forty Seven Only.	26,460
c)	Two core cable 2.5 mm ² PVC/PVC.	180	Meter	118.00	One Hundred & Eighteen Only.	21,240

15.	<p>Switches and Sockets as per following specification. P/F of gang switches as per following specification and requirement with back box and sheets.</p> <p>i) One Gang</p> <p>ii) Two Gang.</p> <p>iii) Six Gang.</p> <p>iv) Fan Dimmer.</p> <p>v) Light Plug Socket 5 pin type.</p> <p>vi) Power plug socket 3 pin type</p>	2	No.	O/R		
		1	No.	O/R		
		1	No.	O/R		
		1	No.	O/R		
		2	No.	O/R		
		1	No.	O/R		
16.	<p>Supply & Installation of Main Panel fabricated with 16 SWG thick MS sheet wall mounting powder coated consisting of the following components.</p> <p>a) 1-200 Amps TP MCCB</p> <p>b) 6-100 Amps TP MCCB</p> <p>c) 1-volt meter with VSS</p> <p>d) Amps meter 3 Phase with ASS 3. Nos.</p> <p>e) 3-200/5 amps CT's.</p> <p>f) 4-copper Bus Bars 200 Amps (set)</p> <p>g) 3-phase indication lamp.</p> <p>h) Set of CT's 200/5 amp.</p>	1	Each	O/R		
17.	<p>M/P/F of feeder terminal box as per following specification (for parking street lights).</p> <p>MCB 30 Amp DP 03 No.</p> <p>Copper Bus Bars 30 Amps 04 Nos.</p> <p>Powder coated box floor mounted type with locking arrangement.</p> <p>Brass nuts and bolts with lugs.</p>	9	P/Job	O/R		
18.	P/F of ceiling rose with cover plate.	4	Each	72	Seventy Two Rupees Only.	288
19.	<p>Pipes and fitting.</p> <p>P/F of GI/PVC pipes as per following specification.</p>					

	i) 2" dia GI 10 SWG.	25	Meter	O/R		
	ii) 2" dia PVC (corrugated).	25	Meter	O/R		
20	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.	9	P/Job	O/R		
21.	<p>Providing & Fixing power factor improvement bank (P.F.I) 300 KVR capacitors 50 KVAR Panasonic / Entes / Thailand / Check Republic (2 Nos.)</p> <p>Capacitors 100 KVAR Panasonic/ Entes /Thailand/Check Republic (2 Nos.)</p> <p>Contactors 300/350A Hitachi/Togasmi/ Pak 26j/H-80-C japan (1 No.)</p> <p>HRC Fuse hook 280/300A DF Electric Japan (Terasaki) (3 Nos.)</p> <p>Indication lamp 8LP2T 8 LP2T, Lovato Italy (4 Nos.)</p> <p>Push Buttons A25PFOIR MARU YASU (6 Nos.)</p> <p>Control fuse 6A, DF Electric (12 Nos.)</p> <p>SP MCB T-O+PM-F Finland/ABB (1 No.)</p> <p>PFI Controller Step Nokian Italy(1 No)</p> <p>CT's 200/5A Italy, TAR 3D, REVALC (3 Nos.)</p> <p>Exhaust fan approved (1 No.)</p> <p>MOR Switch (1 No.)</p> <p>Contactors 40 Amp (2 Nos.)</p> <p>Contactors 60 Amp (2 Nos.)</p>	1	P/Job	O/R		
22.	Supply and installation of lighting head frame fabricated with MS pipe, angle iron to accommodate 3 Nos. of Arena vision 2000 watt light fixtures and ballast. The head frame shall be epoxy painted, primer coats, the job i/c the sand blasting complete with all hard wares required at site.	9	P/Job	O/R		

KARACHI METROPOLITAN CORPORATION
ENGINEERING DEPARTMENT

Subject: DEVELOPMENT OF OIL TANKERS PARKING TERMINAL AT ZULFIQARABAD PHASE-II (ELECTRICAL WORK).

Estimated Cost:- Rs. 58,39,896/=

Bid Security:- Rs. 1,17,000/=

Tender Cost: - Rs.3,000/=

I / We hereby quoted as follows:

1.	PART - A: (Items Based on S/R) amounting to Rs.43,93,638/=	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. _____ (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: _____

Checked By:- _____