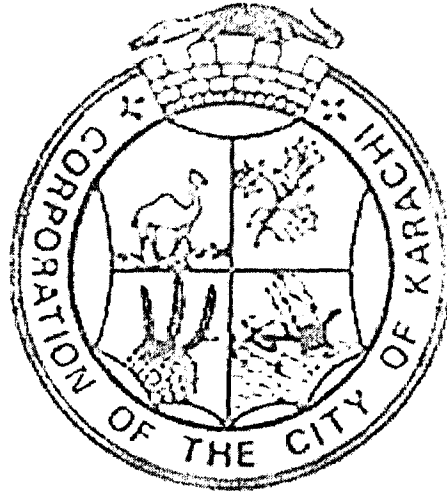


# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT

### ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/34/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

### CONSTRUCTION OF PROTECTION WALL ALONG ORANGI NALAH NEAR CHOTA MEDAN NAZIMABAD DISTRICT CENTRAL, KMC.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.129 Million
Bid Security: -	Rs. 0.382 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **CONSTRUCTION OF PROTECTION WALL ALONG ORANGI NALAH NEAR  
CHOTA MEDAN NAZIMABAD DISTRICT CENTRAL, KMC. (Re-Invite)**

Estimated Cost:- Rs.19.129 Million

Bid Security:- Rs. 0.382 Million

Tender Cost: - Rs.3000/-

**PART – A & B (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of Cement concrete reinforcement separating reinforcement from concrete cleaning etc.	9600.00	%CFT	5445.00	522720.00
2	Earth work excavation undressed lead upto a single throw of kassi phawrah or shovel.	38400.00	%0CFT	1361.25	52272.00
3	Dismantling of Cement Block masonry.	1780.00	%CFT	1134.38	20192.00
4	Dismantling Cement Concrete Plain 1:2:4 etc complete.	7804.00	%CFT	3327.50	259678.00
5	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	28784.00	%CFT	1065.04	306561.00
6	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc. at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of pumping set of upto 10 H.P pumping out water from 10 ft. deep trench.	150.00	Days	1500.00	225000.00
7	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	9600.00	%CFT	5542.24	532055.00
8	Providing and Laying reinforced cement concrete having 3000 psi cylindrical strength (ready mixed concrete) including all kinds of formworks, hoisting, placing, placing compacting, finishing, curing complete in all respect as shown on the drawing and as directed.	35200.00	%CFT	27161.10	9560707.00
<b>SUB-TOTAL (PART-A)</b>					<b>11479185.00</b>
9	Fabrication of TOR Steel reinforcement for cement concrete including cutting, bending, laying in position, making joint and fastenings including cost of binding wire (Also includes removal of rust from bars).	1414.29	P.Cwt	5001.70	7073854.00
<b>SUB-TOTAL (PART-B)</b>					<b>7073854.00</b>

Signature of the Bidder with Stamp

Page 2 of 5

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**PART – C (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
10	Supplying and Filling Synthetic Nylon Bags 1.25 CFT. Capacity with sand or earth sewing and stacking in dry.	61440	P.Bag			
11	Providing and Laying Stone Soling 9" Gauge i/c filling with spawl chips etc as per direction of Engineer Incharge.	9600	P.CFT			
12	Extra for using Sulphate Resistance Cement.	6195	P.Bag			
<b>SUB-TOTAL (PART-C)</b>						

Signature of the Bidder with Stamp



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**

A large, stylized handwritten signature in black ink, consisting of a single continuous loop that forms a large 'S' shape.

## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction of Protection Wall along Orangi Nalah near Chota Medan Nazimabad District Central, KMC. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.129 Million
- e) **Amount of Bid Security:** Rs. 0.382 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

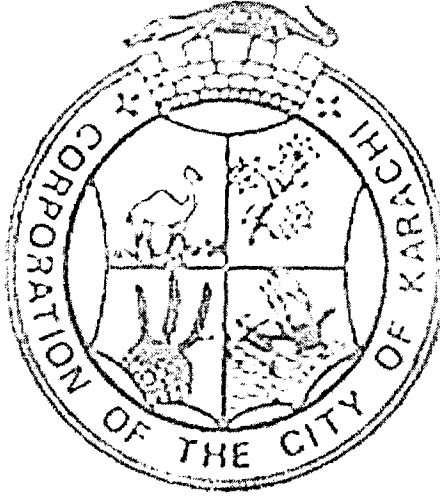


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# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/31/2013-14

(RE-INVITE)

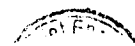
## **BILL OF QUANTITIES**

REHABILITATION / CONSTRUCTION OF NALLAH BACKSIDE  
OF HYDARI MARKET ZONE-II, DISTRICT (CENTRAL), KMC.

NOTE:

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.563 Million
Bid Security: -	Rs. 0.391 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: REHABILITATION / CONSTRUCTION OF NALLAH BACKSIDE OF HYDARI MARKET ZONE-II, DISTRICT (CENTRAL), KMC. (Re-Invite)

Estimated Cost:- Rs.19.563 Million

Bid Security:- Rs. 0.391 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling cement concrete reinforced separating reinforce cement from concrete cleaning and straightening the same.	109.80	%CFT	5445.00	5979.00
2	Dismantling of cement concrete plain 1:3:6.	4500.00	%CFT	1306.80	58806.00
3	Dismantling cement block masonry.	1782.00	%CFT	1134.38	20215.00
4	Earth work excavation undressed lead upto a single throw of Kassi Phawrah or Shovel. a) In Ashes, Sand, Soil or Silt Clearance.	54000.00	%OCFT	1134.38	61257.00
5	Earth work excavation undressed lead upto a single throw of Kassi Phawrah or Shovel. b) In Ordinary Soil	54000.00	%OCFT	1361.25	73508.00
6	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of pumping set of upto 10 HP pumping out water from 10 ft deep trench.	120.00	P.Day	1500.00	180000.00
7	Supply and filling syndic bags 4 to 5 CFT 82-26 capacity with sand or earth sewing and stacking in dry.	1021.00	P.Bag	69.85	71317.00
8	Stone pitching for top layer only (1.3' to 1.5' thick). a) In bed	15750.00	%CFT	1996.50	314449.00
9	C.C. plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:3:6.	10500.00	%CFT	12595.00	1322475.00
10	P/L reinforced cement concrete having 3000psi cylindrical strength (Ready Mixed Concrete) i/c all kinds of formwork, hoisting, placing, compacting, finishing, curing complete in all respect as shown in the drawing.	33300.00	%CFT	27161.10	9044646.00
11	Fabrication of TOR steel reinforcement for cement concrete including cutting, bending, laying in position making joints and fastenings including cost of binding wire (Also includes removal of rust from bars).	1337.95	P.Cwt	5001.70	6692025.00
12	P/L fairfaced reinforced cement concrete new jersey barrier having 3000psi compressive cylindrical strength concrete (Ready mixed concrete) (area 3.50 SFT) as per drawing i/c the cost of excavation, formwork, lean concrete 1450psi compressive cylindrical strength etc complete in all respect (excluding the cost of steel reinforcement).	4473.00	P.RFT	1224.61	5477680.00



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
13	Distemping (Three Coat)	12000.00	%SFT	1043.90	125268.00
14	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	94500.00	%CFT	1064.96	1006387.00
<b>SUB-TOTAL (PART-A)</b>					<b>24454151.00</b>

Signature of the Bidder with Stamp





**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: REHABILITATION / CONSTRUCTION OF NALLAH BACKSIDE OF HYDARI MARKET ZONE-II, DISTRICT (CENTRAL), KMC. (Re-Invite)

Estimated Cost:- Rs.19.563 Million  
Bid Security:- Rs. 0.391 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

**PART – A:**

Items Based on S/R amounting to **Rs.2,44,54,151/-**.

\_\_\_\_\_ % Below the S/R.

Rs. \_\_\_\_\_

**Note:**

15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.

**GRAND TOTAL** Rs. \_\_\_\_\_

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

Address: \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**


- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



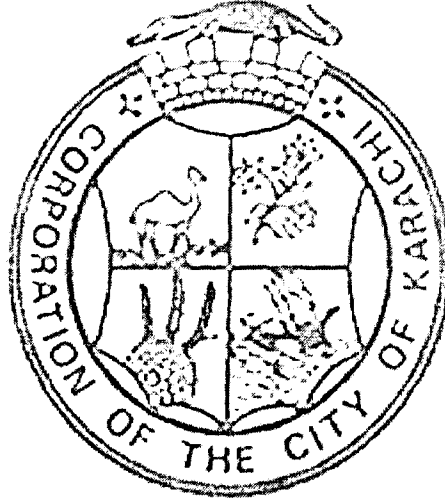
## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Rehabilitation / Construction of Nalah Backside of Hydri Market Zone-II. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.563 Million
- e) **Amount of Bid Security:** Rs. 0.391 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**
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# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/28/2013-14

(RE-INVITE)

### **BILL OF QUANTITIES**

CHANNELIZATION / CONSTRUCTION OF NATURAL NALAH (RCC WALL) ORANGI NALAH LIAQUATABAD ZONE (PART-A).

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: - Rs. 19.600 Million  
Bid Security: - Rs. 0.392 Million  
Tender Cost: - Rs. 3,000/-

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**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CHANNELIZATION / CONSTRUCTION OF NATURAL NALAH (RCC WALL)  
ORANGI NALAH LIAQUATABAD ZONE (PART-A). (Re-Invite)

Estimated Cost:- Rs.19.600 Million

Bid Security:- Rs. 0.392 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling cement block masonry.	600.00	%CFT	1134.38	6806.00
2	Dismantling stone-masonry in lime or cement.	15000.00	%CFT	907.50	136125.00
3	Dismantling of Cement Concrete plain 1:4:8.	1287.00	%CFT	1663.75	21412.00
4	Dismantling of Cement Concrete plain 1:2:4.	2100.00	%CFT	3327.50	69878.00
5	Dismantling cement concrete reinforced separating reinforce cement from concrete cleaning and straightening the same.	1500.00	%CFT	5445.00	81675.00
6	Earth work excavation in ashes, sand soil or silt clearance undressed lead upto 50-Feet.	60000.00	%0CFT	1663.75	99825.00
7	Supply and Filling New Jute Bags 4 to 5 CFT. Capacity with sand or earth sewing and laying in position under water.	9000.00	P.Bag	202.46	1822140.00
8	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire Charges of pumping set of upto 10 H.P (but not less than 5 H.P) pumping out water from 10-ft deep trench.	180.00	P.Day	1000.00	180000.00
9	Earth work excavation in irrigation channels, drains etc, dressed to designed section grades and profiles excavated material disposal off and dressed within 50 ft lead (a) In Ordinary Soil.	72600.00	%0CFT	2420.00	175692.00
10	Stone pitching for top layer only (1.3' to 1.5' thick). (b) in bed	9900.00	%CFT	1996.50	197654.00
11	Cement Concrete brick or stone ballast 1½" to 2" gauge. (b) Ratio 1:4:8.	6600.00	%CFT	9416.28	621474.00
12	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars).	1082.81	P.Cwt	5001.70	5415891.00
13	Providing and laying concrete having 2450psi cylindrical strength (ready mixed concrete) including placing compacting finishing, curing complete in all respect as shown on the drawings and as directed by the Engineer (Excluding the cost of steel reinforcement).	24255.00	%CFT	26004.61	6307418.00

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DESCRIPTION	QTY	UNIT	RATE	AMOUNT
Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors.	170087.00	%CFT	1065.00	1811427.00
Excavation for pipe line in trenches, and pits in soft soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within a one chain as directed by Engineer Incharge. Providing fence guards, lights, flags and temporary crossings for non-vehicular traffic where ever required lift upto 5-ft. (1.52m) and lead upto one chain (30.5m).	32000.00	%0CFT	3600.00	115200.00
Providing, Laying RCC Pipes & Collars of Class-B and fixing in trench i/c cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) i/c testing with water to a head of 22.5m of 75-ft (e) 300mm (12" Dia).	2000.00	P.RFT	367.00	734000.00
Construction manhole or inspection chamber for the required diameter of circular sewer and 3'-6" (1067mm) depth with wals of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I. manhole cover with frame of clear opening 1-1/2'x1-1/2' (457x457mm) of 1.75 cwt. (88.9 kg) embedded in plain C.C. 1:2:4 and fixing 1" (25mm) dia M.S. steps 6" (150mm) wide projecting 4" (102mm) from the face of wall at 12" (305mm) C/C duly painted etc. complete as per standard specification and drawing. (a) 4" to 12" Dia 2'x2'x3'-6".	80.00	Each	14748.00	1179840.00
Manufacturing and supplying of RCC ring slab of 21" Dia inside 36" Dia outside 7.5 width and 6" thick i/c 3/8" Dia 08 tor steel bars two concentric rings with 3/8" Dia Nos. cross linked bars welded and two sunk type hooks, casted in a 1:1-1/2:3 concrete with embedded 15kg C.I. Frame in perfect position i/c transportation charges for an average lead of 20km per trip from casting yard to town offices. (A minimum of 25 slabs per trip will be transported).	297.00	Each	1906.60	566260.00
Manufacturing and Supplying of 21" RCC manhole cover cast in 1:2:4 concrete ratio 3" deep at center, reinforced with 1/2" Dia TOR steel bars at 4" C/C welded to 3/16" thick 2" wide M.S plate two hook of 3/8" dia tor bar including compacting i/c curing and transportation within 10 miles (21" Dia).	300.00	Each	913.63	274089.00
Providing and Laying 2" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels.	25000.00	%SFT	3275.50	818875.00
<b>SUB-TOTAL (PART-A)</b>				<b>20635681.00</b>

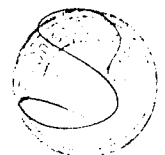
Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
21	P/F of Fair Face steel form work. The form shall be made with 10 gauge with the help of steel and wooden camps in such a way that form shall with hoki and resist the vibration and pouring force and when form is opened. The concrete shall smooth and free from honey combing that no plaster no repair is required and complete the job as per instruction of Engineer Incharge.	59400.00	P.SFT			
22	Extra for using Sulphate Resistance cement.	4245.00	P.Bag			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: CHANNELIZATION / CONSTRUCTION OF NATURAL NALAH (RCC WALL)  
ORANGI NALAH LIAQUATABAD ZONE (PART-A). (Re-Invite)

Estimated Cost:- Rs.19.600 Million  
Bid Security:- Rs. 0.392 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b>PART – A:</b> Items Based on S/R amounting to Rs.2,06,35,681/-. _____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b>PART – B:</b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
(in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

Signature of the Contractor with Stamp

Address: \_\_\_\_\_

Checked By :





## **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.

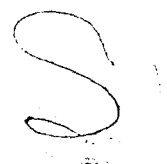
### **Eligibility:**

- i). Valid PEC in C-6 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

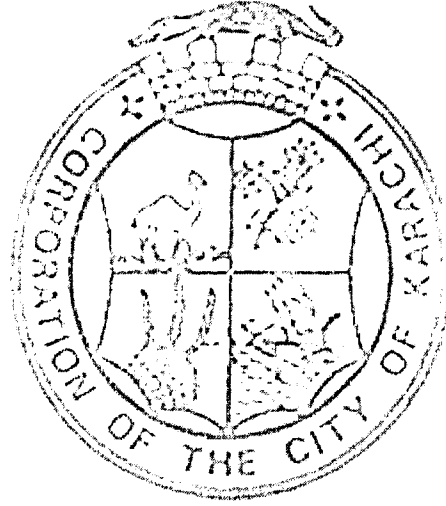
- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Channelization / Construction of Natural Nalah (RCC Wall) Orangi Nalah Liaquatabad Zone (Part-A). (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.600 Million
- e) **Amount of Bid Security:** Rs. 0.392 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**



# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT

### ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/29/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

IMPROVEMENT OF 300-FT WIDE ROAD ALONG SECTOR-14 & 15  
CONNECTING NORTHERN BYPASS SURJANI TOWN, KARACHI.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.296 Million
Bid Security: -	Rs. 0.385 Million
Tender Cost: -	Rs. 3,000/-

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**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: IMPROVEMENT OF 300-FT WIDE ROAD ALONG SECTOR-14 & 15  
CONNECTING NORTHERN BYPASS SURJANI TOWN, KARACHI. (Re-Invite)

Estimated Cost:- Rs.19.296 Million  
Bid Security:- Rs. 0.385 Million  
Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Jungle clearance and removing within 100 feet. (Thick Jungle)	40800.00	%SFT	139.15	56773.00
2	Earth work excavation undressed lead upto a single throw of kassi phawrah or shovel	61200.00	%OCFT	1361.25	83309.00
3	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	80784.00	%CFT	5542.24	4477243.00
4	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc)	61200.00	%CFT	714.29	437145.00
5	Earth work excavation in irrigation channels, drains etc, dressed to designed section grades and profiles excavated material disposal off and dressed within 50- ft lead.	5760.00	%OCFT	2420.00	13939.00
6	Providing & fixing Precast Edge Block 3750 PSI Industrial Made Size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form Work for hunching, 1450 PSI lean concrete, 2250 PSI concrete for hunching, 1:4 cement sand mortar.	6800.00	RFT	297.01	2019668.00
7	C.C. Plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1.4:3.	360.00	%CFT	11288.75	40640.00
8	Erection and removal of centering for RCC or Plain cement concrete works for partal wood (ii) Vertical.	1200.00	%SFT	3127.41	37529.00
9	Providing, Laying RCC Pipes & Collars of Class-A and fixing in trench i/c cutting, fitting and jointing with maxphalt composition and cement mortar (1:1) i/c testing with water to a head of 4.5 meter or 15-Ft 300 mm (12" Dia).	360.00	P.RFT	246.00	88560.00



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	Cement Concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering). a) Ration 1:2:4	3000.00	%CFT	14429.25	432878.00
11	Providing Chamber 3'x2' (915x615mm) inside dimension 4 1/2' (1372mm) deep as per approved design for sluice value 3" to 12" dia with 18" (457mm) dia inside cast iron cover and frame (wt=1 cwt 3 qr) fixed in RCC 1:2:4 (102mm) thick with (5 Lbs steel per CFT) 9" (299mm) thick brick masonry wall set in 1:6 cement mortar 6" (1152mm) thick cement concrete 1:3:6 in foundation 1" (25mm) thick cement concrete 1:3:6 in foundation 1" thick cement concrete 1:2:4 flooring 1/2" thick cement plaster 1:3 to all inside wall surface and to top i/c providing and fixing MS foot rest at every one foot beyond 2-1/2 ft depth curing excavation, back filling and disposal of surplus earth etc complete.	6.00	Each	18820.00	112920.00
12	Providing and Laying Plant mixed asphalt concrete Binder Course compacted thickness 3" (75mm thick) as per approved job mix Formula using crush aggregate from approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140C compacted by steel wheel & PTR roller. The procedure of laying binder course material & methodology shall fully comply with AASHTO and as directed by Engineer Incharge. Minimum bitumen content should be 3.5% Binder course shall be spreading using paver machine. Rolling & Finishing to design proper grade line level and camber etc (Machinery with POLs cost of Material Carriage) 3" (75mm) Asphaltic Base Course Plant Mix.	122400.00	%SFT	10769.91	13182370.00
13	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5 feet.	68000.00	%OCFT	3630.00	246840.00
14	Refilling the excavated staff in trenches i/c watering full compaction etc.	6000.00	%OCFT	2760.00	16560.00
15	White Washing three Coats.	10200.00	%SFT	829.95	84655.00
16	Painting corrugated surfaces, patent roofing etc with oil paint.	10200.00	%SFT	1072.06	109350.00
17	Pavement marking in Reflective Thermo Plastic Paint for Lines of 6" Width (Thermoplastic Paint).	3400.00	P.RFT	41.24	140216.00
18	Supplying and Fixing of reflectorize Road Studs Double Face, Flush surface type.	189.00	Each	596.23	112687.00
<b>SUB-TOTAL (PART-A)</b>					<b>21693282.00</b>

Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
19	P/Spraying of prime coat with medium curing asphalt of penetration grade 60/70 prime coats shall be used C 11 liters %Sft (1.2 liters/Sq M) at 70DC mixed with adequate quantity of Kerosine oil, using uniformly pressure spray distributor 1 boiler with automatic installer prior to application of the prime coat all used material shall be removal from the base course and the same shall be cleaned by means of apposed mechanical sweepers blowers hard brooms and disposal the same within three chain. After the application traffic shall be kept off from surface fill the laying of bituminous course Material and methodology shall fully comply the tests and specifications of AASHTO and as directed by the Engineer in charge.	122400.00	P.SFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: IMPROVEMENT OF 300-FT WIDE ROAD ALONG SECTOR-14 & 15  
CONNECTING NORTHERN BYPASS SURJANI TOWN, KARACHI. (Re-Invite)

Estimated Cost:- Rs.19.296 Million

Bid Security:- Rs. 0.385 Million

Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<p><b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.2,16,93,282/-</b>. _____ % Below the S/R.</p> <p><b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.</p>	Rs. _____
2.	<p><b><u>PART – B:</u></b> Items Based on Non Schedule Items / Offer Rates</p>	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees) \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



# 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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

## Minimum Qualification Criteria:

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**

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## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Improvement of 300-FT wide Road along Sector-14 & 15 connecting Northern By-Pass Surjani Town, Karachi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.296 Million
- e) **Amount of Bid Security:** Rs. 0.385 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

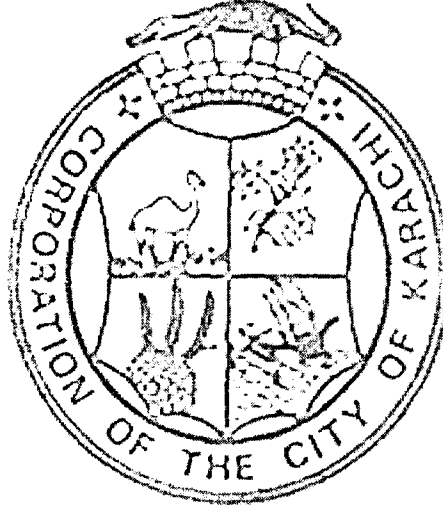
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# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/23/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

### CONSTRUCTION OF UN-INTERRUPTED U-TURN OF HAKEEM IBN-E-SINA ROAD, NAZIMABAD.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 15.461 Million
Bid Security: -	Rs. 0.309 Million
Tender Cost: -	Rs. 3,000/-

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **CONSTRUCTION OF UN-INTERRUPTED U-TURN OF HAKEEM IBN-E-SINA ROAD, NAZIMABAD. (Re-Invite)**

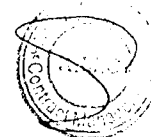
Estimated Cost:- Rs.15.461 Million

Bid Security:- Rs. 0.309 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ROAD WORKS</b>					
1	Dismantling of Bitumen carpet of average thickness in between 3" to 4" etc complete as required.	4897.00	%CFT	605.00	29628.00
2	Dismantling of Cement Block masonry.	95.00	%CFT	1134.38	1078.00
3	Dismantling of C.C. work Cast in situ in foundation basement and plinth i/c disposal of surplus material within three chain.	17940.00	%CFT	3327.50	596954.00
4	Dismantling of Cement concrete reinforcement separating reinforcement from concrete cleaning etc.	1013.00	%CFT	5445.00	55158.00
5	Excavation or cutting in all kinds of soil (expect gravelly, murum, wet silt, clay or mud and rock) to a required grade, camber and site slopes i/c dressing top and sides and excavated stuff stacking at site in suitable place.	53100.00	%OCFT	5747.50	305192.00
6	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 10 Miles etc).	77045.00	%CFT	714.29	550323.00
7	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	54000.00	%CFT	4359.76	2354270.00
8	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	36000.00	%CFT	5542.24	1995206.00
9	Laying to proper line & grade plant mixed asphalt concrete pavers finished (hydraulic / electronic ) prepared to specified formula according to job mix formula approved by Engineer Incharge i/c rolling & fixed using to proper line grade level and camber etc complete tack coat with bitumen 80/100 penetration all cost of material roller T&P and carriage of material from sand of supply to plant & plant to site of work, 5 CM Wearing Course.	72000.00	%SFT	8274.73	5957806.00
<b>SUB-TOTAL (ROAD WORKS)</b>					<b>11845615.00</b>



	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>DRAINAGE</b>					
10	Construction of manhole or inspection chamber for required Dai and specification. Circular sewer and 3'-6" deep with wall of B.B, in cement mortar 1:3 cement plaster 1.3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I. main hole cover with frame of clear opening 1/2'x1-1/2' of 1.75 Cwt (88.9 Kg) embedded in plain C.C. 1:2:4 and fixing 1" Dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc compaction as per specification and drawing.	20.00	Each	14748.00	294960.00
11	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc. at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job.	30.00	P.Day	1500.00	45000.00
12	P/F RCC Slab 1:2:4 using 50% crushed stone and 50% GB with 1/2" Dia MS Bars at 3-1/2" C.C. both ways including placing finishing and curing etc complete (21" Dia)	20.00	Each	1906.00	38120.00
13	P/F RCC Slab 1:2:4 using 50% crushed stone and 50% GB with two handles of 3/4" flat iron 1/2" Dia MS Bars at 3-1/2" C.C. both ways including placing finishing and curing etc complete. (21" Dia)	20.00	Each	913.63	18273.00
14	Excavation for pipes line in trenches in all kind of soil.	23200.00	%0CFT	4650.00	107880.00
15	P/F RCC pipe & Collars of Class-B and fixing in trench including cutting, fitting and jointing with mixphalt composition and cement mortar (1:1) i/c testing with water to ahead of 200-Ft.				
	a) 12" Dia	900.00	P.RFT	412.00	370800.00
	b) 18" Dia	200.00	P.RFT	618.00	123600.00
16	Refilling the excavated staff in trenches i/c watering full compaction etc.	23200.00	%0CFT	2760.00	64032.00
<b>SUB-TOTAL (DRAINAGE)</b>					<b>1062665.00</b>



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>FOOTPATH &amp; MEDIAN</b>					
17	P/F fair face industrially produced pre-cast kerb stone with ration 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.	2700.00	P.RFT	297.01	801927.00
18	Cement Concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1.4.8	2673.00	%CFT	9416.28	251697.00
19	P/L 1" Thick Flooring Cement Concrete 1:2:4 i/c surface finishing and curing complete and dividing into panels.	8100.00	%SFT	4411.82	357357.00
<b>SUB-TOTAL (FOOTPATH &amp; MEDIAN)</b>					<b>1410981.00</b>

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ANCILLARY WORKS</b>					
20	Pavement marking in Reflective Thermo Plastic Paint for Lines of 6" Width (Thermoplastic Paint).	5760.00	P.RFT	41.24	237542.00
21	Supplying and Fixing of reflectorize Road Studs Double Face, Flush surface type (Cat Eyes / Road Studs).	4800.00	Each	596.23	2861904.00
22	Providing & Fixing Rectangular shape 3'x2" comprizing 2 Nos: 3" Dia G.I pipe Post i/c Painting, writing as directed each.	1.00	Each	16765.00	16765.00
23	Providing & Fixing Informatory Sign Rectangular shape 4'x3" comprizing 2 Nos: 3" Dia G.I pipe Post i/c Painting, writing as directed each.	1.00	Each	16956.00	16956.00
24	Providing & Fixing traffic sign 3" dia G.I.Pipe post and sign of equilateral tringle shape each side 3' long i/c Painting, Marking as directed each.	5.00	Each	14600.00	73000.00
25	Preparing surface and painting with Emulsion paint 78-29 a+b (three coats).	4050.00	%SFT	1762.75	71391.00
<b>SUB-TOTAL (ANCILLARY WORKS)</b>					<b>3277558.00</b>

<b>GRAND TOTAL (PART-A)</b> <b>(ROAD WORKS+DRAINAGE +FOOTPATH &amp; MEDIAN +ANCILLARY WORKS)</b>	<b>17596819.00</b>
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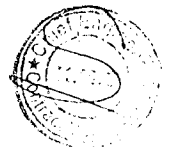
Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
<b>ROAD WORKS</b>						
26	P/Spraying of prime coat with medium curing asphalt of penetration grade 60/70 prime coats shall be used C 11 liters %Sft (1.2 liters/Sq M) at 70DC mixed with adequate quantity of Kerosine oil, using uniformly pressure spray distributor 1 boiler with automatic installer prior to application of the prime coat all used material shall be removal from the base course and the same shall be cleaned by means of apposed mechanical sweepers blowers hard brooms and disposal the same within three chain. After the application traffic shall be kept off from surface fill the laying of bituminous course Material and methodology shall fully comply the tests and specifications of AASHTO and as directed by the Engineer in charge.	72000.00	P.SFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF UN-INTERRUPTED U-TURN OF HAKEEM IBN-E-SINA ROAD, NAZIMABAD. (Re-Invite)

Estimated Cost:- Rs.15.461 Million  
Bid Security:- Rs. 0.309 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b>PART – A:</b> Items Based on S/R amounting to Rs. <b>1,75,96,819/-</b> . _____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b>PART – B:</b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**





## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

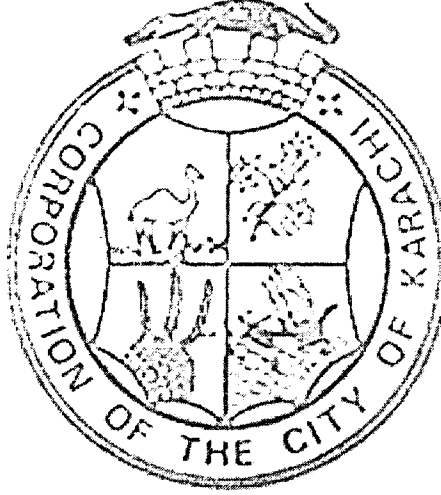
- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction of Un-Interrupted U-Turn of Hakeem Ibn-e-Sina Road, Nazimabad. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.15.461 Million
- e) **Amount of Bid Security:** Rs. 0.309 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**



**KARACHI METROPOLITAN CORPORATION**

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



**Tender Reference No. KMC/CM/ED/24/2013-14**

**(RE-INVITE)**

**BILL OF QUANTITIES**

**IMPROVEMENT / REHABILITATION OF NAZIMABAD INTERSECTION  
NO.7 NEAR A.O. SIGNAL, LIAQUATABAD TOWN, DISTRICT.**

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: - Rs. 19.332 Million  
Bid Security: - Rs. 0.387 Million  
Tender Cost: - Rs. 3,000/-

SV

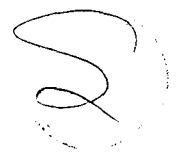
**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **IMPROVEMENT / REHABILITATION OF NAZIMABAD INTERSECTION NO.7  
NEAR A.O. SIGNAL, LIAQUATABAD TOWN, DISTRICT. (Re-Invite)**

Estimated Cost:- Rs.19.332 Million  
Bid Security:- Rs. 0.387 Million  
Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of Cement Concrete Plain 1:2:4.	8658.00	%CFT	3327.50	288095.00
2	Dismantling and Removing of Road Metalling etc complete.	46400.00	%CFT	605.00	280720.00
3	Dismantling of Cement Concrete Block Masonry etc complete.	3381.75	%CFT	1134.38	38362.00
4	Earth work excavation undressed lead upto a single through of Kassi Phawra or Shavel in Ordinary Soil.	48150.00	%0CFT	1361.25	65544.00
5	Laying to Proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) Prepared to specified fomula according to job mix formula approved by Engineer incharge including rolling and finishing to Properline, grade level and camber etc: (Machinery with POLs cost of material carriage).	92800.00	%SFT	8274.73	7678949.00
6	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Rait, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	106589.75	%CFT	1065.04	1135223.00
7	Manufacturing and Supplying RCC 21" Dia (inside) and 36" Dia outside 7-1/2" width and 6" thick i/c steel bars two concrete ring with 3/8" 08 Nos. cross linked bars welded and two sunk tube hooks, castled in 1:1-1/2":3 concrete with embedded 15 Kg. C.I. Frame in perfect position i/c transportation charges for an average lead of 20 Km per trip from casting yard to town offices, ammonium of 25 Slabs per trip will be transported.	24.00	Each	1906.60	45758.00
8	Manufacturing and Supplying RCC manhole covers casting 1:2:4 concrete ratio 3" deep at center reinforced with 3/8" dia to Steel Fans @ 4" C.C. etc welded to 1/8" thick 2.5 deep plate i/c curing, stacking and transportation within ten miles. (21" Dia)	25.00	Each	913.63	22841.00
9	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	84448.00	%CFT	3341.71	2822007.00



S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	64500.00	%CFT	5542.24	3574745.00
11	P/F fair face industrially produced pre-cast kerb stone with ration 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.	3500.00	RFT	297.01	1039535.00
12	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with wall of BB in CM 1:3 C.plaster 1:3 1/2" thick inside of walls and 1" thick over benching and channel i/c fixing C.I. main hole cover with frame of clear opening 1/2'x1-1/2' of 1.75 CWT (88.9 KG) embedded in plain CC 1:2:4 and fixing 1" Dia M.S Steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc com as per specification and drawing.	12.00	Each	14748.00	176976.00
13	Providing and laying Plant mixed Asphalt Concrete Binder Course compacted thickness 3 inches (75mm thick) as per approved job mix formula using crush aggregate from approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140C compacted by steel wheel & PTR roller. The procedure of laying binder course material & methodology shall fully comply with AASHTO and as directed by Engineer Incharge. Minimum bitumen content should be 3.5% binder course shall be spreading using paver machine. Rolling & Finishing to design proper grade line level and camber etc: (Machinery with POLs cost of material carriage).	32300.00	%SFT	10769.91	3478681.00
14	Supplying and Fixing of reflectorize Road Studs Double Face, Flush surface type.	1200.00	Each	596.23	715476.00
15	Providing & Fixing informatory Sign Rectangular Shape 4'x3" comprising 02 Nos. 3" Dia G.I. Pipe post including painting, writing as directed each.	14.00	Each	16956.00	237384.00
16	Providing & Fixing Rectangular shape 3'x2" comprising 2 Nos. 3" Dia G.I. Pipe Post i/c painting , writing as directed each.	10.00	Each	16765.00	167650.00
17	Pavement marking in Reflective Thermo Plastic Paint for Lines of 4" Width.	2178.00	P.SFT	41.24	89821.00
<b>SUB-TOTAL (PART-A)</b>					<b>21857767.00</b>

Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
18	P/Spraying of prime coat with medium curing asphalt of penetration grade 60/70 prime coats shall be used C 11 liters %Sft (1.2 liters/Sq M) at 70DC mixed with adequate quantity of Kerosine oil, using uniformly pressure spray distributor 1 boiler with automatic installer prior to application of the prime coat all used material shall be removal from the base course and the same shall be cleaned by means of apposed mechanical sweepers blowers hard brooms and disposal the same within three chain. After the application traffic shall be kept off from surface fill the laying of bituminous course Material and methodology shall fully comply the tests and specifications of AASHTO and as directed by the Engineer in charge.	86000.00	P.SFT			
19	Removing and Re-fixing of Fair Face industrial produced Kerb Stone with ratio by weight 1:1.5:3 (one part sulphate resistant cement, 1.5 part screened sand and 3 part crushed stone) stand kerb shall be laid on 2cm thick 1:4 cement mortar (1 part SR Cement and 4 parts screened sand) and joint the kerb block with 2cm thick 1:4 cement mortar level and alignment shall be properly maintained or as directed by Engineer Incharge.	1800.00	P.RFT			
20	Repair of Leakages of RCC Pipe Line of 24" Dia pipe line complete with all respect.	4.00	Nos.			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: IMPROVEMENT / REHABILITATION OF NAZIMABAD INTERSECTION NO.7  
NEAR A.O. SIGNAL, LIAQUATABAD TOWN, DISTRICT. (Re-Invite)

Estimated Cost:- Rs.19.332 Million  
Bid Security:- Rs. 0.387 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.2,18,57,767/-</b> . _____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b><u>PART – B:</u></b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
	<b>GRAND TOTAL (A+B)</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
(in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

Signature of the Contractor with Stamp

Address: \_\_\_\_\_

Checked By :

## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Improvement / Rehabilitation of Nazimabad Intersection No.7 near A.O. Signal, Liaquatabad Town, District. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.332 Million
- e) **Amount of Bid Security:** Rs. 0.387 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

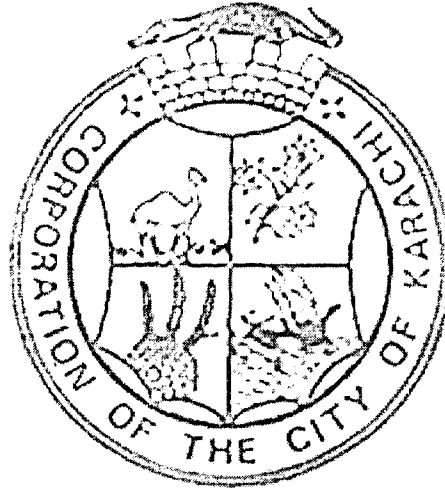




**KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



**Tender Reference No. KMC/CM/ED/177/2012**

**(RE-INVITE)**

**BILL OF QUANTITIES**

**REPAIR AND RENOVATION OF RAIN WATER SYSTEM IN  
BLOCK-11, F.B. AREA, KARACHI.**

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)), please download it, read carefully, signed & stamped all pages and attach with this documents / BOQ and drop in the tender box.

Estimate Cost: -	Rs. 46.155 Million
Bid Security: -	Rs. 0.923 Million
Tender Cost: -	Rs. 3,000/-

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REPAIR AND RENOVATION OF RAIN WATER SYSTEM IN BLOCK-11, F.B. AREA, KARACHI. (RE-INVITE)**

Estimated Cost:- Rs.46.155 Million

Bid Security:- Rs. 0.923 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Earth work excavation in irrigation channels, drains etc, dressed to designed section grades and profiles excavated material disposed off and dressed within 50 ft. lead. a) In Ordinary Soil	105500.00	%CFT	2420.00	255310.00
2	Dismantling Cement Concrete Plain 1:2:4 etc complete.	2730.25	%CFT	3327.50	90849.00
3	Dismantling of RCC, Separating reinforcement from concrete, cleaning and straightening same.	80773.00	%CFT	5445.00	4398090.00
4	Dismantling of Cement Concrete Ratio 1:3:6 etc complete.	12529.00	%CFT	1306.80	163729.00
5	Stone Pitching including Sub-Base with hammer dressed stone on surface laid in courses including Carriage of materials chains.	25312.50	%CFT	5377.63	1361213.00
6	C.C. Plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:4:8.	16875.00	%CFT	11288.75	1904977.00
7	RCC Work i/c all labour and material except the cost of / reinforcement and its labour for banding and binding which will be paid separately. This rate also i/c all kinds of forms, mods, lifting shuttering, and cutting rendering and finishing the expose surface i/c screening and washing of shingle. A) RCC work in roof slab beams column raft lintel and other structure complete in all respects with (1:2:4) 90 pounds cements 2 CFT shingle 1/8" to 1/4" gauge.	72562.50	CFT	258.00	18721125.00
8	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars). <b>Using TOR Bar</b>	2915.46	Cwt	5001.70	14582256.00
9	Providing and laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specifications i/c spreading and compacting by approved mechanical means (Motor grader, Vibratory roller and Smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density (Rate i/c all cost of materials T&P and carriage upto 3 chains).	78750.00	%CFT	5542.24	4364514.00



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	Providing & fixing Precast Edge Block 3750 PSI Industrial Made Size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form Work for hunching, 1450 PSI lean concrete, 2250 PSI concrete for hunching, 1:4 cement sand mortar.	9000.00	RFT	297.01	2673090.00
11	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc. at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of pumping set of upto 10 H.P pumping out water from 10 ft. deep trench.	60.00	Days	1500.00	90000.00
12	P/L 2" Thick topping cement concrete 1:2:4 i/c surface finishing and dividing into panels etc complete.	27000.00	%SFT	3275.50	884385.00
<b>SUB-TOTAL (PART-A)</b>					<b>49489538.00</b>

Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
13	P/F of Fair Face Steel form work. The form shall be made with 10 gauge steel plates and fixed at site in line and grades with the help of steel and wooden camps in such a way that form shall with hold and resist the vibration and pouring force and when form is opened. The concrete shall smooth and free from honey combing that no plaster no repair is required and complete the job as per instruction of Engineer Incharge.	117000.00	SFT			
14	Supply and Filling New Jute Bags 1.25 CFT Capacity with sand or earth sewing and laying in position under water.	5100.00	Bags			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: REPAIR AND RENOVATION OF RAIN WATER SYSTEM IN BLOCK-11, F.B. AREA, KARACHI. (RE-INVITE)

Estimated Cost:- Rs.46.155 Million  
Bid Security:- Rs. 0.923 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.4,94,89,538/-</b> . _____ % Below the S/R. <b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	Rs. _____
2.	<b><u>PART – B:</u></b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees) \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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-5 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**


- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). Evidence of employing Engineer as declared in the PEC License should be provided in shape of copy of Engineer's Registration certificate by PEC, Bank Statement showing the name and amount of the monthly salary of the Engineer / Paid copy of the Income Tax challan in the name of the Engineer of the salary is taxable.
- x). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount issued on or after 15<sup>th</sup> November 2015 should be produced.
- xi). 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.
- xii). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

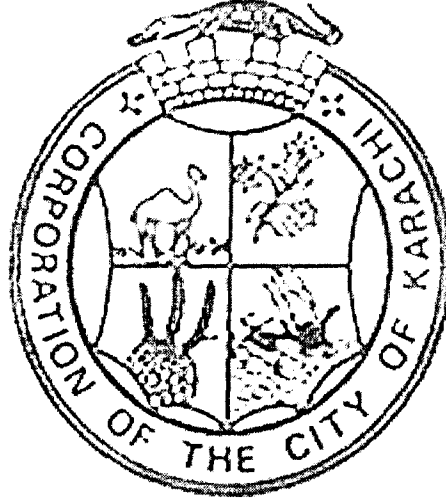
- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Repair and Renovation of Rain Water System in Block-11, F.B. Area, Karachi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.46.155 Million
- e) **Amount of Bid Security:** Rs. 0.923 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:** 

(8)

**KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



**Tender Reference No. KMC/CM/ED/129/2013-14**

**(RE-INVITE)**

**BILL OF QUANTITIES**

**IMPROVEMENT / RE-CONSTRUCTION OF ROAD OPPOSITE**  
**ZAIN-UL-ABIDEEN HOSPITAL IN RIZVIA SOCIETY**  
**LIAQUATABAD ZONE, (CENTRAL), KMC.**

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.443 Million
Bid Security: -	Rs. 0.388 Million
Tender Cost: -	Rs. 3,000/-






**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: IMPROVEMENT / RE-CONSTRUCTION OF ROAD OPPOSITE ZAIN-UL-ABIDEEN HOSPITAL IN RIZVIA SOCIETY LIAQUATABAD ZONE, (CENTRAL), KMC.

Estimated Cost:- Rs.19.443 Million  
 Bid Security:- Rs. 0.388 Million  
 Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of existing Asphalt Concrete Road i/c base Sub-Base & disposal of Dismatted materials to designed placed Highway Work.	90000.00	%SFT	773.86	696474.00
2	Dismantling of C.C. work Cast in situ in foundation basement and plinth i/c disposal of surplus material within three chain.	9000.00	%CFT	3327.50	299475.00
3	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	56000.00	%CFT	3380.43	1893041.00
4	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	75040.00	%CFT	5542.24	4158897.00
5	Providing & Laying in Single Layer of 5cm compacted thickness wearing course on the following job mix formula. US Standard sieve %Passing by Weight. Asphalt (60/70 Grade) content weight 4.5% of total Mix. Use of natural sand in original form is strictly prohibited in job mix formula. Prior to the paving of asphalt concrete surface shall be cleaned from rubbish etc. and must be strictly by virtue of tack (5-CM).	112000.00	%SFT	8274.73	9267698.00
6	P/F Pre-Cast Edage Block 3750psi industrial made size 6" thick x 12" long & 12" high i/c the cost of cartage, excavation from work, for hunching 1450 psi lean concrete 2250 psi concrete for hunching 1:4 cement sand mortar.	7000.00	P.RFT	279.01	1953070.00
7	Excavation for pipe line in trenches & pits in soft soil i/c trimming & dressing sides to ture alignment & shape Leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within a one chain as directed by the Engineer Incharge. Providing fences, guards, lights, flags & temporary crossings for non-vehcular traffic where ever required lift up to 5-ft & lead upto one chain.	5900.00	%0CFT	3600.00	21240.00



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
8	P/L R.C.C. Pipe ASTM C-76-62 T/C 76-70 of class II wall B and fixing in trench i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. a) 8" Dia b) 12" Dia	500.00 1000.00	P.RFT P.RFT	229.00 412.00	114500.00 412000.00
9	Construction of manhole or inspection chamber for required Dai and specification. Circular sewer and 3'-6" deep with wall of B.B. in cement mortar 1:3 cement plaster 1:3:1/2" thick inside wall 1" thick over benching and channel i/c fixing C.I. main hole cover with frame of clear opening 1/2'x1-1/2' of 1.75 Cwt (88.9 Kg) embedded in plain C.C. 1:2:4 and fixing 1" Dia M.S steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc compaction as per specification and drawing.	50.00	Each	14748.00	737400.00
10	Manufacturing and Supplying RCC 21" Dia (inside) and 36" Dia outside 7-1/2" width and 6" thick i/c steel bars two concrete ring with 3/8" 08 Nos. cross linked bars welded and two sunk tube hooks, castled in 1:1-1/2":3 concrete with embedded 15 Kg. C.I. Frame in perfect position i/c transportation charges for an average lead of 20 Km per trip from casting yard to town offices, ammonium of 25 Slabs per trip will be transported.	50.00	Each	1906.60	95330.00
11	Manufacturing and Supplying RCC manhole covers casting 1:2:4 concrete ratio 3" deep at center reinforced with 3/8" dia to Steel Fans @ 4" C.C. etc welded to 1/8" thick 2.5 deep plate i/c curing, stacking and transportation within ten miles. (21" Dia)	50.00	Each	913.63	45682.00
12	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	99000.00	%CFT	714.29	707147.00
13	Cement Concrete brick or stone ballast 1-1/2" to 2" gauge. Ratio 1:4:8	9240.00	%CFT	9416.28	870064.00
14	Providing & Laying 2" thick topping cement concrete ratio (1:2:4) including surface finishing and dividing into panel.	28000.00	%SFT	3275.50	917140.00
15	Pavement marking in Reflective Tharmo Plastic Paint for lines of 6" Width.	7000.00	P.RFT	41.24	288680.00
16	Supply and Fixing of reflectorize Road studs double face, flush surface type.	600.00	Each	596.23	357738.00
17	Preparing the surface & painting with Emulsiion. a) First Coat b) 2 <sup>nd</sup> & each Subsequent Coat	4375.00	%SFT %SFT	847.99 457.38 1305.37	57110.00
<b>SUB-TOTAL (PART-A)</b>					<b>22892686.00</b>

Signature of the Bidder with Stamp

Page 3 of 5

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: IMPROVEMENT / RE-CONSTRUCTION OF ROAD OPPOSITE ZAIN-UL-ABIDEEN HOSPITAL IN RIZVIA SOCIETY LIAQUATABAD ZONE, (CENTRAL), KMC.

Estimated Cost:- Rs.19.443 Million  
Bid Security:- Rs. 0.388 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

<b>PART – A:</b> Items Based on S/R amounting to <b>Rs.2,28,92,686/-</b> . _____ % Below the S/R.	Rs. _____
1. <b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
<b>GRAND TOTAL</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
(in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Improvement / Re-Construction of road opposite Zain-ul-Abideen Hospital in Rizvia Society, Liaquatabad Zone (Central), KMC.
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.443 Million
- e) **Amount of Bid Security:** Rs. 0.388 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

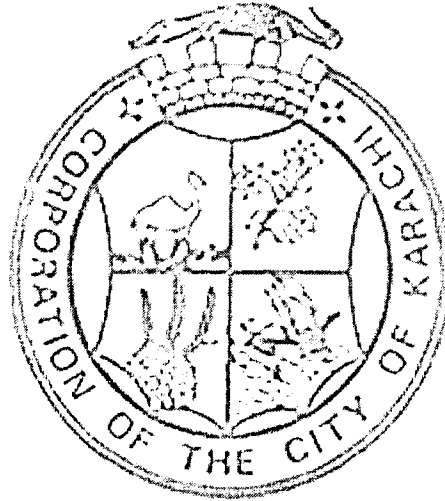


(9)

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/37/2013-14

RE-INVITE

**BILL OF QUANTITIES**

**REHABILITATION / IMPROVEMENT OF ROAD**  
**& FOOTPATH ON PIDC BRIDGE DISTRICT**  
**SOUTH KARACHI.**

NOTE:

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 13.839 Million
Bid Security: -	Rs. 0.277 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REHABILITATION / IMPROVEMENT OF ROAD & FOOTPATH ON PIDC  
BRIDGE DISTRICT SOUTH KARACHI. (Re-Invite)**

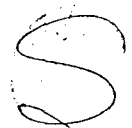
Estimated Cost:- Rs.13.839 Million

Bid Security:- Rs. 0.277 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Removing of existing Bitumen carpet on Bridge Deck Slab with Pneumatic Compressor Machine.	58800.00	%SFT	773.86	455030.00
2	Making diagonal grooves of 1-1/2" x 1-1/2" and including in road surface.	101000.00	%SFT	146.41	147874.00
3	Earth work excavation undressed lead upto a single throw of kassi phawrah or shovel.	480.00	%OCFT	1361.25	653.00
4	Dismantling of C.C. Plain 1:2:4 etc.	3102.50	%CFT	3327.50	103235.69
5	Dismantling of RCC, Separating reinforcement from concrete, cleaning and straightening same.	20.28	%CFT	5445.00	1104.00
6	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Rait, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	62402.78	%CFT	1065.04	664615.00
7	Laying to Proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) Prepared to specified fomula according to job mix formula approved by Engineer incharge including rolling and finishing to Properline, grade level and camber etc: (Machinery with POLs cost of material carriage) 5-CM Wearing Course.	101000.00	%SFT	8274.73	8357477.30
8	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	200.00	%CFT	3341.71	6683.00
9	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	5725.00	%CFT	5542.24	317293.24



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	Supplying and Fixing of reflectorize Road Studs Double Face Flush Surface type	1700.00	Each	596.26	1013647.00
11	Providing and Applying pavement marking=mm thick thermo plastic paint with drop on glass beads shall confirm with AASHTO designation M-247 the surface should be clean from dust and dirt before applying by using mechanical means blower all necessary arrangements for diversion to traffic etc i.e. Arrows.	11000.00	P.RFT	41.24	453640.00
12	Reinforcement cement concrete work including all labour and material except including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds, lifting, shuttering curing rendering and finishing the exposed surface (including screening and washing of shingle) as per direction of Engineer Incharge & as per drawings / design.	165.81	P.CFT	258.61	42880.00
13	Fabrication of TOR Steel reinforcement for cement concrete including cutting, bending, laying in position, making joint and fastenings including cost of binding wire (Also includes removal of rust from bars).	7.40	P.Cwt	5001.70	37013.00
14	Painting 2-Coats with ready mix Enemal Paint as per direction of the Engineer Incharge.	11768.00	%SFT	1014.14	119344.00
<b>SUB-TOTAL (PART-A)</b>					<b>11720489.00</b>

Signature of the Bidder with Stamp





**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
15	Providing & Fixing Pre-Cast KERB Block 3750 PSI industrial Made size 6" thick x 12" long x 18" high including the cost of Cartage.	2250.00	P.RFT			
16	Providing and Fixing cement paving blocks flooring having size of 197x197x60mm of city / quadra / cobble shape with natural colours having strength b/w 5000psi to 8500psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete.	12000.00	P.SFT			
17	P/Spraying of prime coat with medium curing ashpalt of penetration grade 60/70 prime coats shall be used C 11 liters %Sft (1.2 liters/Sq M) at 70DC mixed with adequate quantity of Kerosine oil, using uniformly pressure spray distributor 1 boiler with automatic installer prior to application of the prime coat all used material shall be removal from the base course and the same shall be cleaned by means of apposed mechanical sweepers blowers hard brooms and disposal the same within three chain. After the application traffic shall be kept off from surface till the laying of bituminous course Material and methodology shall fully comply the tests and specifications of AASHTO and as directed by the Engineer in charge.	200.00	P.SFT			
18	Providing and Fixing Pre-Cast Fair Face RCC Slab concrete 1:2:4 using screened graded bajri ¾" and down gauge having a minimum works cube crushing strength of 3000 lbs psi at 28 days of mix not leaner than 1:2:4 using sulphate resisting cement including the cost of mixing from approved benching plant transportation pouring with T-mixture using fair face steel form work using the vibrator and complete including the cost of reinforcement as per shown in approved drawing including loading and unloading and fixing on drain with proper mean and jointing by 1:3 ratio on top as per direction of Engineer Incharge.					
	(a) 6" thick	48.00	P.SFT			
	(b) 4" thick	600.00	P.SFT			

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
19	Providing and Fixing cement paving blocks flooring having size of 197x197x60mm of city / quadra / cobble shape with pigmented having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner / pattern and design etc complete (Pigment).	11100.00	P.SFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: REHABILITATION / IMPROVEMENT OF ROAD & FOOTPATH ON PIDC BRIDGE DISTRICT SOUTH KARACHI. (Re-Invite)

Estimated Cost:- Rs.13.839 Million  
Bid Security:- Rs. 0.277 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.1,17,20,489/-</b> . % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	_____
2.	<b><u>PART – B:</u></b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
	<b>GRAND TOTAL (A+B)</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees) \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Rehabilitation / Improvement of Road & Footpath on PIDC Bridge District South Karachi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.13.839 Million
- e) **Amount of Bid Security:** Rs. 0.277 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

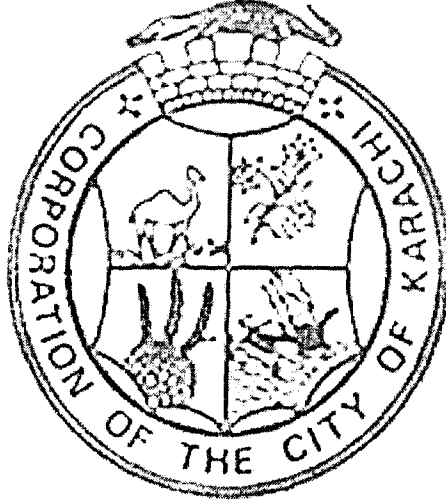
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# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/119/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

CONSTRUCTION OF ROAD IN HIJRAT COLONY FROM MAI KOLACHI  
RAILWAY TRACK TO GULISTAN HOTEL DISTRICT SOUTH.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.610 Million
Bid Security: -	Rs. 0.392 Million
Tender Cost: -	Rs. 3,000/-



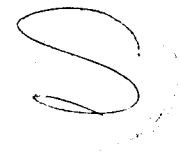
**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

**Subject: CONSTRUCTION OF ROAD IN HIJRAT COLONY FROM MAI KOLACHI RAILWAY TRACK TO GULISTAN HOTEL DISTRICT SOUTH.**

**Estimated Cost:- Rs.19.610 Million**  
**Bid Security:- Rs. 0.392 Million**  
**Tender Cost: - Rs.3000/-**

**PART – A (Items Based on S/R)**

DESCRIPTION	QTY	UNIT	RATE	AMOUNT
Dismantling and Removing of Road Metalling etc complete.	9005.00	%CFT	605.00	54480.00
Making diognal grooves of 1-1/2" x 1-1/2" and including in road surface.	10000.00	%SFT	146.41	14641.00
Earth work excavation undressed lead upto a single through of Kassi Phawra or Shavel in Ordinary Soil.	43975.00	%0CFT	1361.25	59860.97
Dismantling of Cement Concrete Plain 1:2:4.	3000.00	%CFT	3327.50	99825.00
C.C. Plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:4:8.	1650.00	%CFT	11288.75	186264.38
Providing and laying 1 : 3 : 6 cement concrete solid block masonry wall 6" and below in thickness set in 1: 6 cement mortar in ground floor Super Structure including raking out joints & currring etc, complete.	12500.00	%CFT	15771.01	1971376.25
½" Thick Cement Plaster 1:6.	50000.00	%SFT	2206.60	1103300.00
Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Rait, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	55980.00	%CFT	1065.04	596209.00
P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	19200.00	%CFT	3341.71	641608.00
P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	44716.00	%CFT	5542.24	2478268.04



	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
11	Laying to proper line & grade plant mixed asphalt concrete pavers finished (hydraulic / electronic ) prepared to specified formula according to job mix formula approved by Engineer Incharge i/c rolling & fixed using to proper line grade level and camber etc complete tack coat with bitumen 80/100 penetration all cost of material roller T&P and carriage of material from sand of supply to plant & plant to site of work. <b>5 CM Wearing Course.</b>	48000.00	%SFT	8274.73	3971870.40
12	P/F fair face industrially produced pre-cast kerb stone with ration 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. i/c the cost of cartage excavation from work for hunching 1450psi lean concrete 2200 psi concrete for hunching 1:4 cement sand mortar.	11028.00	RFT	297.01	3275293.00
13	Providing and Fixing 197x97x60mm colour or pigment interlocking concrete paver block (approved make) for footpath and i/c preparing the bas medium sharp clean send screened to required level in thickness of 2" average after compaction and placing the paver in position filling the joint the clean dry sand compacting etc as per manufacture specification and carriage to the site of work.	16000.00	P.SFT	199.77	3196320.00
14	Providing and Applying pavement marking=mm thick thermo plastic paint with drop on glass beads shall confirm with AASHTO designation M-247 the surface should be clean from dust and dirt before applying by using mechanical means blower all necessary arrangements for diversion to traffic etc i.e. Arrows.	3000.00	P.RFT	41.24	123720.00
15	Supplying and Fixing of reflectorize Road Studs Double Face Flush Surface type	750.00	Each	596.26	447197.00
<b>SUB-TOTAL (PART-A)</b>					<b>18220233.00</b>

Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
16	Raising / Lowering of Main hole including C.C. including Street and fixing C.I. frames upto 2' depth etc complete.	15.00	Each			
17	Providing and laying Plant mixed Asphalt Concrete Binder Course compacted thickness 3 inches (75mm thick) as per approved job mix formula using crush aggregate from approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140C compacted by steel wheel & PTR roller. The procedure of laying binder course material & methodology shall fully comply with AASHTO and as directed by Engineer Incharge. Minimum bitumen content should be 3.5% binder course shall be spreading using paver machine. Rolling & Finishing to design proper grade line level and camber etc: (Machinery with POLs cost of material carriage).	48000.00	P.SFT			
18	Desilting and Cleaning of Storm Water Drain i/c disposal of material lead upto 20mile.	720.00	P.CFT			
19	Providing and Fixing Pre-Cast Fair Face RCC Slab concrete 1:2:4 using screened graded bajri ¾" and down gauge having a minimum works cube crushing strength of 3000 lbs psi at 28 days of mix not leaner than 1:2:4 using sulphate resisting cement including the cost of mixing from approved benching plant transportation pouring with T-mixture using fair face steel form work using the vibrator and complete including the cost of reinforcement as per shown in approved drawing including loading and unloading and fixing on drain with proper mean and jointing by 1:3 ratio on top as per direction of Engineer Incharge. (Industrial Made) <b>12" Thick</b>	200.00	P.SFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF ROAD IN HIJRAT COLONY FROM MAI KOLACHI RAILWAY TRACK TO GULISTAN HOTEL DISTRICT SOUTH.

Estimated Cost:- Rs.19.610 Million

Bid Security:- Rs. 0.392 Million

Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<p><b>PART – A:</b> Items Based on S/R amounting to <b>Rs.1,82,20,233/-</b>. _____ % Below the S/R.</p> <p><b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.</p>	Rs. _____
2.	<p><b>PART – B:</b> Items Based on Non Schedule Items / Offer Rates</p>	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_)  
(in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

Address: \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

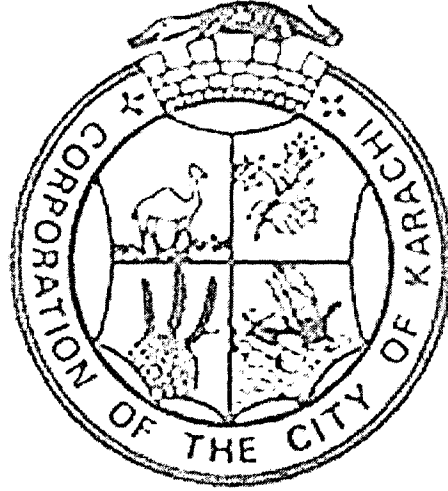
(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction of Road in Hijrat Colony from Mai Kolachi Railway Track to Gulistan Hotel District South.
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.610 Million
- e) **Amount of Bid Security:** Rs. 0.392 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**



# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/120/2013-14

(RE-INVITE)

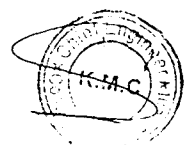
### **BILL OF QUANTITIES**

### REHABILITATION / IMPROVEMENT OF ROAD ALONG RAILWAY LINE NEAR HIJRAT COLONY, DISTRICT SOUTH, KARACHI.

NOTE:

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.478 Million
Bid Security: -	Rs. 0.390 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REHABILITATION / IMPROVEMENT OF ROAD ALONG RAILWAY LINE NEAR HIJRAT COLONY, DISTRICT SOUTH, KARACHI.**

Estimated Cost:- Rs.19.478 Million

Bid Security:- Rs. 0.390 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling and Removing of Road Metalling etc complete.	13200.00	%CFT	605.00	79860.00
2	Earth work excavation undressed lead upto a single through of Kassi Phawra or Shavel in Ordinary Soil.	23800.00	%OCFT	1361.25	32397.75
3	Dismantling of Cement Concrete Plain 1:2:4.	20100.00	%CFT	3327.50	668827.50
4	Excavation for pipe line in trenches & pits all kind of soil of murum trimming & dressing sides to true alignment and shape & leveling of beds of trenches to correct level & grade cutting, jointing holes & disposable of surplus earth within one chain as directed by Engineer Incharge.	14400.00	%OCFT	4650.00	66960.00
5	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	58540.00	%CFT	1065.04	623474.00
6	P/L RCC Pipes with (Rubber Ring joint and fitting in trench i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure.	1200.00	P.RFT	367.00	440400.00
7	Manufacturing and Supplying RCC manhole covers casting 1:2:4 concrete ratio 3" deep at center reinforced with 3/8" dia to Steel Fans @ 4" C.C. etc welded to 1/8" thick 2.5 deep plate i/c curing, stacking and transportation within ten miles. (21" Dia)	24.00	Each	913.63	21927.12
8	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with wall of BB in CM 1:3 C.plaster 1:3 1/2" thick inside of walls and 1" thick over benching and channel i/c fixing C.I. main hole cover with frame of clear opening 1/2'x1-1/2' of 1.75 CWT (88.9 KG) embedded in plain CC 1:2:4 and fixing 1" Dia M.S. Steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc com as per specification and drawing.	24.00	Each	14748.00	353952.00
9	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	57000.00	%CFT	3341.71	1904775.00



	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	57000.00	%CFT	5542.24	3159076.80
11	Laying to proper line & grade plant mixed asphalt concrete pavers finished (hydraulic / electronic ) prepared to specified formula according to job mix formula approved by Engineer Incharge i/c rolling & fixed using to proper line grade level and camber etc complete tack coat with bitumen 80/100 penetration all cost of material roller T&P and carriage of material from sand of supply to plant & plant to site of work. <b>5 CM Wearing Course.</b> (i/c the cost of Prime / Tack Coat)	116975.85	%SFT	8274.73	9679435.00
12	Cement Concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering). <b>(Ratio 1:2:4)</b>	4750.00	%CFT	14429.25	685389.38
13	P/F fair face industrially produced pre-cast kerb stone with ration 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. i/c the cost of cartage excavation from work for hunching 1450psi lean concrete 2200 psi concrete for hunching 1:4 cement sand mortar.	7600.00	RFT	297.01	2257200.00
14	Cement Concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering). <b>(Ratio 1:4:8)</b>	16500.00	%CFT	11285.75	1862148.75
15	Providing and laying 2" thick C.C. flooring cement concrete 1:2:4 surface finishing and dividing into panels etc complete.	33000.00	%SFT	3275.50	1080915.00
<b>SUB-TOTAL (PART-A)</b>					<b>22916814.00</b>

Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
16	Raising / Lowering of Main hole including C.C. including Street and fixing C.I. frames upto 2' depth etc complete.	16.00	Each			
17	Desilting and Cleaning of Storm Water Drain i/c disposal of material lead upto 20 Miles.	6400.00	P.CFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp





**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: REHABILITATION / IMPROVEMENT OF ROAD ALONG RAILWAY LINE NEAR HIJRAT COLONY, DISTRICT SOUTH, KARACHI.

Estimated Cost:- Rs.19.478 Million

Bid Security:- Rs. 0.390 Million

Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.2,29,16,814/-</b> . _____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b><u>PART – B:</u></b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
	<b>GRAND TOTAL (A+B)</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**


- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

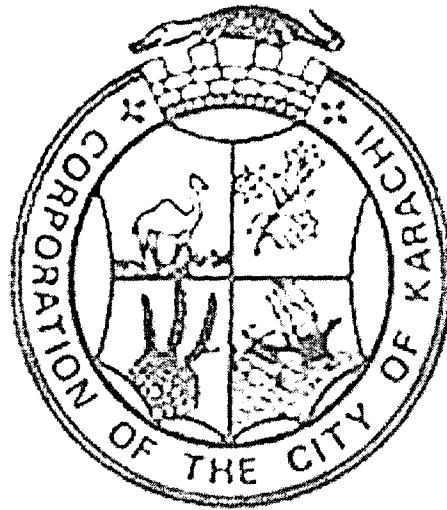
(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Rehabilitation / Improvement of Road along Railway Line near Hijrat Colony District South.
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.478 Million
- e) **Amount of Bid Security:** Rs. 0.390 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:** 

# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT

### ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/121/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

### REHABILITATION / IMPROVEMENT OF ROAD FROM OLD CLIFTON BRIDGE TO PIDC BRIDGE ALONG RAILWAY LINE DISTRICT SOUTH, KARACHI.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.610 Million
Bid Security: -	Rs. 0.392 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: REHABILITATION / IMPROVEMENT OF ROAD FROM OLD CLIFTON BRIDGE TO PIDC BRIDGE ALONG RAILWAY LINE DISTRICT SOUTH, KARACHI.

Estimated Cost:- Rs.19.610 Million  
Bid Security:- Rs. 0.392 Million  
Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling and Removing of Road Metalling etc complete.	27500.00	%CFT	605.00	166375.00
2	Earth work excavation undressed lead upto a single through of Kassi Phawra or Shavel in Ordinary Soil.	33400.00	%OCFT	1361.25	45465.75
3	Dismantling of Cement Concrete Plain 1:2:4.	10800.00	%CFT	3327.50	359370.00
4	Excavation for pipe line in trenches & pits all kind of soil of murum trimming & dressing sides to true alignment and shape & leveling of beds of trenches to correct level & grade cutting, jointing holes & disposable of surplus earth within one chain as directed by Engineer Incharge.	12000.00	%OCFT	4650.00	55800.00
5	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	72900.00	%CFT	1065.04	776414.00
6	P/L RCC Pipes with (Rubber Ring joint and fitting in trench i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure.	1000.00	P.RFT	367.00	367000.00
7	Manufacturing and Supplying RCC manhole covers casting 1:2:4 concrete ratio 3" deep at center reinforced with 3/8" dia to Steel Fans @ 4" C.C. etc welded to 1/8" thick 2.5 deep plate i/c curing, stacking and transportation within ten miles. (21" Dia)	20.00	Each	913.63	18272.60
8	Construction of manhole or inspection chamber for the required dia of circular sewer and 3'-6" depth with wall of BB in CM 1:3 C.plaster 1:3 1/2" thick inside of walls and 1" thick over benching and channel i/c fixing C.I. main hole cover with frame of clear opening 1/2'x1-1/2' of 1.75 CWT (88.9 KG) embedded in plain CC 1:2:4 and fixing 1" Dia M.S. Steps 6" wide projecting 4" from the face of wall at 12" C/C duly painted etc com as per specification and drawing.	20.00	Each	14748.00	294960.00
9	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	28200.00	%CFT	3341.71	942362.00



	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	94470.00	%CFT	5542.24	5235754.13
11	Laying to proper line & grade plant mixed asphalt concrete pavers finished (hydraulic / electronic ) prepared to specified formula according to job mix formula approved by Engineer Incharge i/c rolling & fixed using to proper line grade level and camber etc complete tack coat with bitumen 80/100 penetration all cost of material roller T&P and carriage of material from sand of supply to plant & plant to site of work. <b>5 CM Wearing Course.</b> (i/c the cost of Prime / Tack Coat)	144681.93	%SFT	8274.73	11972039.00
12	P/F fair face industrially produced pre-cast kerb stone with ration 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. i/c the cost of cartage excavation from work for hunching 1450psi lean concrete 2200 psi concrete for hunching 1:4 cement sand mortar.	9400.00	RFT	297.01	2791800.00
<b>SUB-TOTAL (PART-A)</b>					<b>23025613.00</b>

Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
13	Raising / Lowering of Main hole including C.C. including Street and fixing C.I. frames upto 2' depth etc complete.	10.00	Each			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: REHABILITATION / IMPROVEMENT OF ROAD FROM OLD CLIFTON BRIDGE TO PIDC BRIDGE ALONG RAILWAY LINE DISTRICT SOUTH, KARACHI.

Estimated Cost:- Rs.19.610 Million

Bid Security:- Rs. 0.392 Million

Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

	<b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.2,30,25,613/-</b> .	
1.	_____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b><u>PART – B:</u></b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
	<b>GRAND TOTAL (A+B)</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
(in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

Address: \_\_\_\_\_

Checked By :





# **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

## **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Rehabilitation / Improvement of Road from Old Clifton Bridge to PIDC Bridge along Railway Line District South, Karachi.
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.610 Million
- e) **Amount of Bid Security:** Rs. 0.392 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

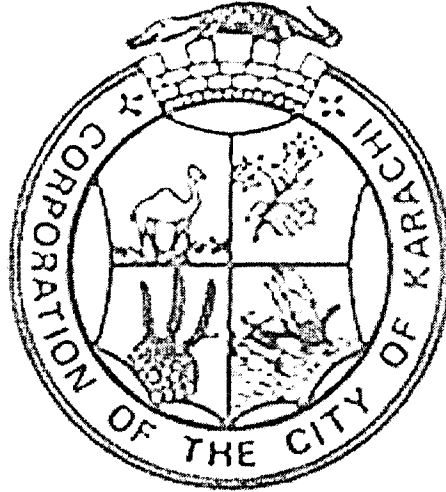


(13)

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/128/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

CONSTRUCTION OF S.W. DRAIN AND SERVICE ROAD ALONG  
EXPRESSWAY IN-FRONT OF IQRA UNIVERSITY AT JAMSHED  
TOWN, DISTRICT SOUTH, KARACHI.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 163.073 Million
Bid Security: -	Rs. 3.261 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF S.W. DRAIN AND SERVICE ROAD ALONG EXPRESSWAY IN-FRONT OF IQRA UNIVERSITY AT JAMSHIED TOWN, DISTRICT SOUTH, KARACHI.

Estimated Cost:- Rs.163.073 Million

Bid Security:- Rs. 3.261 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ROAD WORKS</b>					
1	Dismantling of existing asphalt concrete road including base, sub-base and disposal of dismantling material to designated placed.	51948.00	%CFT	773.86	402005.00
2	Preparing Sub-Base by supplying and spreading well graded pit or bed run gravel having liquid limit not greater than 25 and plasticity index not greater than 6 in proper chamber and grade i/c watering rolling and compacting in layers, thickness of each compacted layer not exceeding 6" compacted upto 98-100% density as per modified AASHTO density (Rate i/c all cost of materials T&P and carriage upto 3 chains).	304619.00	%CFT	3380.47	10297561.00
3	Providing and Laying Aggregate Base Course material over prepared Sub-Grade in conformity withlines thickness and typical cross section as shown in for new pavement at grade widening existing pavement using well graded granular crushed stone with sand and silt having a smooth gradation curve within the limit for grading a or b per AASHTO-M 142-65 and compacting to 100% of the minimum dry density according to AASHTO-T-180 method D approved mechanical means of i/c watering with all lead and lift complete as per specification as directed by the Engineer Incharge.	133200.00	%CFT	5542.24	7382264.00
4	Providing and Laying Plant mixed asphalt concrete Binder Course compacted thickness 3" (75mm thick) as per approved job mix Formula using crush aggregate from approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140C compacted by steel wheel & PTR roller. The procedure of laying binder course material & methodology shall fully comply with AASHTO and as directed by Engineer Incharge. Minimum bitumen content should be 3.5% Binder course shall be spreading using paver machine. Rolling & Finishing to design proper grade line level and camber etc (Machinery with POLs cost of Material Carriage) 3" (75m.m) Asphaltic Base Course Plant Mix.	266400.00	%SFT	10769.91	28691040.00
5	P/F fair face industrially produced pre-cast kerb stone with ration 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. i/c the cost of cartage excavation from work for hunching 1450psi lean concrete 2200 psi concrete for hunching 1.4 cement sand mortar.	14400.00	P.RFT	297.01	4276944.00



S/N	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
6	Cement Concrete Plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:4:8.	4975.00	%CFT	11288.75	541318.00
7	Providing and Laying reinforced cement concrete having 3000 psi cylindrical strength (ready mixed concrete) including all kinds of form work, hoisting, placing, placing compacting, finishing, curing complete in all respect as shown on the drawing and as directed by the Engineer Incharge.	444.00	%CFT	27160.11	120591.00
8	Pavement marking in Reflective Thermo Plastic Paint for Lines of 6" Width.	28800.00	P.RFT	41.24	1187712.00
9	Supply and Fixing of reflectorize Road Studs Double Face, Flush surface type.	5040.00	Each	596.23	3004999.00
10	Painting with enamel paint on masonry wall (1 <sup>st</sup> coat + 2 <sup>nd</sup> subsequent coat).	21600.00	%SFT	1421.75	307098.00
<b>SUB-TOTAL (ROAD WORKS) S/R</b>					<b>56211532.00</b>



**(Items Based on A/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>ROAD WORKS</b>					
11	Providing Priming coat MC-70 cold applied bitushield-M as per Vol-II of special specification paid according to drums @ Site or Bill of Loading filling distributor truck.	266400.00	P.SFT	13.87	3694968.00
12	Applying Prime Coat with approved binder at the required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc.	266400.00	P.SFT	0.65	173160.00
13	Repair of Water Leakages in MS Pipe as per specification complete with NAPCO Barrier material i/c excavation and etc complete.				
	a) 12" Dia	5.00	Each	3575.00	17875.00
	b) 15" Dia	10.00	Each	5907.00	59070.00
	c) 18" Dia	10.00	Each	8195.00	81950.00
14	Repair of RCC Pipe i/c pumping out water using jute / lead wool and quick set cement mortar as per vatta system as directed by the Engineer Incharge.				
	a) 12" Dia	10.00	Each	3575.00	35750.00
	b) 18" Dia	10.00	Each	6350.00	63520.00
	c) 24" Dia	5.00	Each	11240.00	56235.00
15	Providing / Laying RCC Pipe of ASTM C-76-62 TIC 7670, Class-II wall 8 and fixing in trench i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure.	2220.00	P.RFT	869.00	1929180.00
6	Raising of existing sewerage manholes / services chambers cement concrete 1:2:4 upto 21' height i/c fixing of manhole covers with RCC ring slab etc complete.	25.00	Each	5298.00	132450.00
<b>SUB-TOTAL (ROAD WORKS) A/R</b>					<b>6244158.00</b>

Signature of the Bidder with Stamp



**PART – B (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>NALLAH WORK</b>					
17	Dismantling of C.C. 1:2:4 Work i/c separation reinforcement disposal of surplus material with three chains.	37800.00	%CFT	3327.50	1257795.00
18	Dismantling R.C.C. work including separating reinforcement bars in foundation plinth, slab and ground floor. Disposal / Stacking within three chain as directed by the Engineer Incharge.	6000.00	%CFT	5445.00	326700.00
19	Excavation of Pipe line in trenches, and pits in all kind of soils of murum i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade. Cutting joint holes and disposal of surplus earth within one chain as directed by Engineer Incharge. Providing fence guards, lights, flags and temporary crossing for non vehicular traffic were ever required lift upto (1.52m) and lead upto (one chain 30.5m).	316125.00	%0CFT	4650.00	1469981.00
20	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	411873.00	%CFT	714.29	2941968.00
21	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc. at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job.	120.00	P.Day	1500.00	180000.00
22	Supplying and Filling New Jute Bags 4 to 5 CFT capacity with sand or earth sewing and laying in position under water.	12600.00	Each	202.46	2550996.00
23	Providing & Laying lean concrete having 1450psi cylindrical strength (ready mixed concrete) including placing compacting finishing, curing complete screening and washing of crushed stone aggregate excluding the cost of shuttering.	32400.00	%CFT	17197.02	5571834.00
24	Providing & laying reinforced cement concrete having 3000 psi cylindrical strength (ready mixed concrete) including all kinds of formwork, hoisting, placing placing compacting finishing curing complete in all respect as shown on the drawing and as directed.	220781.00	%CFT	27160.11	59964308.00
25	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also includes removal of rust from bars).	8871.00	P.Cwt	5001.70	44368366.00



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>NALLAH WORK</b>					
27	Stone Pitching hand packed with surface leveled off to the correct section with hammer dressed stone and voids filled in 1:8 cement mortar in floors of bridges and along hands and in aprons etc i/c three chain lead.	42000.00	%CFT	7708.47	3237557.00
28	Grouting stone pitching or apron in 1:3 cement mortar.	42000.00	%SFT	4480.44	1881785.00
<b>SUB-TOTAL (NALLAH WORKS) S/R</b>					<b>123751290.00</b>

**(Items Based on A/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
<b>NALLAH WORK</b>					
29	Supplying / stacking and laying stone soling 9" inches in size from approve quarry.	54000.00	P.CFT	38.00	2052000.00
30	P/F industrial make Pre-Cast RCC 1:2:4 slab of different sizes and thickness with or without holes as per approved drawing, design M.S. reinforcement and specification using SR Cement i/c the cost of curing testing compaction with vibrator cartage and placing as directed by the Engineer Incharge. (10" thick)	1728.00	P.SFT	400.00	691200.00
31	PVC Water Stopper.	648.00	P.RFT	75.00	48600.00
32	Construction of C.C. Manhole (Catchpit) 2'x2' inside dimension & 3.5' deep for rainy water drain i/c the cost of excavation 4" thick 1:4:8 bed 2" thick C.C. floor 1/2" thick 1:4 cement plaster inside the chamber 1:2:4 C.C. Walls 6" thick etc complete.	16.00	Each	9000.00	144000.00
<b>SUB-TOTAL (NALLAH WORKS) A/R</b>					<b>2935800.00</b>

Signature of the Bidder with Stamp





**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF S.W. DRAIN AND SERVICE ROAD ALONG EXPRESSWAY IN-FRONT OF IQRA UNIVERSITY AT JAMSHIED TOWN, DISTRICT SOUTH, KARACHI.

Estimated Cost:- Rs.163.073 Million  
 Bid Security:- Rs. 3.261 Million  
 Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<p><b><u>PART – A: (Road Works)</u></b>                      Items Based on S/R amounting to <b>Rs.5,62,11,532/-</b>.                      _____ % Below the S/R.</p> <p>Note:                      15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.</p>	Rs. _____
2.	<p><b><u>PART – A: (Road Works)</u></b>                      Items Based on A/R amounting to <b>Rs.62,44,158/-</b>.                      _____ % Above / Below the A/R.</p>	Rs. _____
3.	<p><b><u>PART – B: (Nallah Works)</u></b>                      Items Based on S/R amounting to <b>Rs.12,37,51,290/-</b>.                      _____ % Below the S/R.</p> <p>Note:                      15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.</p>	Rs. _____
4.	<p><b><u>PART – B: (Nallah Works)</u></b>                      Items Based on A/R amounting to <b>Rs.29,35,800/-</b>.                      _____ % Above / Below the A/R.</p>	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
 (in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
 dated \_\_\_\_\_ issued from \_\_\_\_\_  
 (Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

Checked By: \_\_\_\_\_

Signature of the Contractor with Stamp  
 Address: \_\_\_\_\_



## **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-3 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**


- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). Evidence of employing Engineer as declared in the PEC License should be provided in shape of copy of Engineer's Registration certificate by PEC, Bank Statement showing the name and amount of the monthly salary of the Engineer / Paid copy of the Income Tax challan in the name of the Engineer of the salary is taxable.
- x). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount issued on or after 15<sup>th</sup> November 2015 should be produced.
- xi). 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.
- xii). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

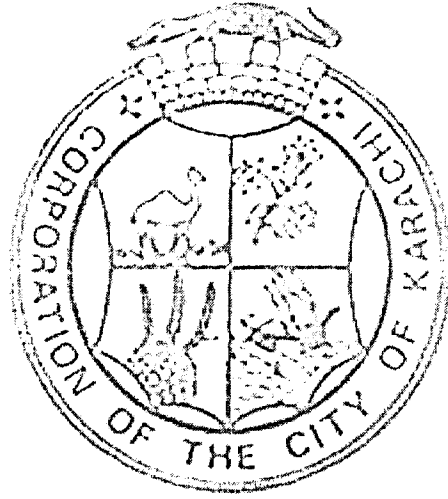
(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction of S.W. Drain and Service Road along Expressway in-front of Iqra University at Jamshed Town, District South, Karachi.
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.163.073 Million
- e) **Amount of Bid Security:** Rs. 3.261 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:** 

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/36/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

### IMPROVEMENT OF MAIN STREET ROADS & LAYING OF SEWERAGE LINE IN BLOCK-3 GULISTAN-E-JOHAR, KARACHI.

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.999 Million
Bid Security: -	Rs. 0.400 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **IMPROVEMENT OF MAIN STREET ROADS & LAYING OF SEWERAGE LINE  
IN BLOCK-3, GULISTAN-E-JOHAR, KARACHI. (Re-Invite)**

Estimated Cost:- Rs.19.999 Million  
Bid Security:- Rs. 0.400 Million  
Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of Bitumen carpet of average thickness in between 3" to 4" etc complete as required.	22000.00	%CFT	605.00	133100.00
2	Dismantling C.C. work i/c Disposal within one chain same.	9920.00	%CFT	3227.50	320168.00
3	Earth work excavation in road works ordinary soil i/c disposal within one square kilometer.	3200.00	%0CFT	1637.75	5241.00
4	Jungle clearance and removing within 100 ft: (Thick Jungle).	1200.00	%0SFT	139.15	167.00
5	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 5 Miles etc).	35120.00	%CFT	714.29	250859.00
6	Laying mechanically to proper line and grade plant mixed Asphalt Concrete specified formula according to job mixed formula approved by the Engineer incharge rolling and finishing to design Proper grade line level and comber etc (Machinery with POLs Cost of material carriage). <b>1½" Thick Asphalt Concrete Wearing Course Plant Mix</b>	203154.00	%SFT	6873.79	13964379
7	Making diagonal grooves of 1-1/2" * 1-1/2" at 2 FT: centre to centre in road surface.	6000.00	%SFT	146.41	8785.00
8	Providing, Laying RCC pipes with (Rubber Ring Joint and fitting in trench i/c cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure.				
	a) 9" Dia	120.00	RFT	206.00	24720.00
	b) 12" Dia	600.00	RFT	246.00	147600.00



SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
9	P/I granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	28800.00	%C/F	3341.71	962412.00
10	P/I aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	136113.18	%C/F	5542.24	7543719.00
11	Providing C.C. Manholes 5.00 Deep C.C. Walls and RCC Manhole cover 21" Dia as Directed by the Engineer Incharge.	12.00	Each	14529.00	174348.00
<b>SUB-TOTAL (PART-A)</b>					<b>23535498.00</b>

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: IMPROVEMENT OF MAIN STREET ROADS & LAYING OF SEWERAGE LINE  
IN BLOCK-3, GULISTAN-E-JOHAR, KARACHI. (Re-Invite)

Estimated Cost:- Rs.19.999 Million

Bid Security:- Rs. 0.400 Million

Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<p><b><u>PART – A:</u></b> Items Based on S/R amounting to Rs. <b>2,35,35,498/-</b>. _____ % Below the S/R.</p> <p><b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.</p>	Rs. _____
	<b>GRAND TOTAL</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (in Figure) \_\_\_\_\_ (Rupees) \_\_\_\_\_ (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NFF & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**





## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

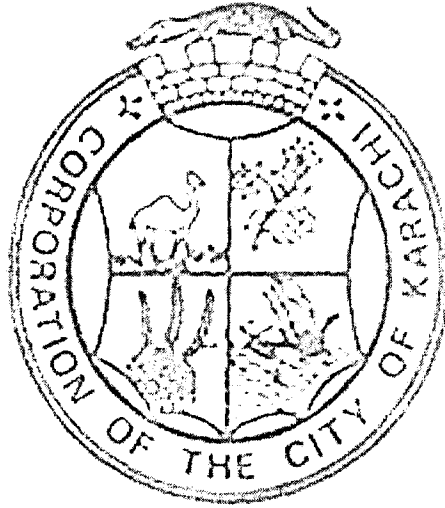
- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Improvement of Main Street Roads & Laying of Sewerage Line in Block-3 Gulistan-e-Johar, Karachi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.999 Million
- e) **Amount of Bid Security:** Rs. 0.399 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:** 

(15)

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/39/2013-14

RE-INVITE

## **BILL OF QUANTITIES**

CONSTRUCTION OF BOTH TRACK ROAD 10000  
FROM ROAD 3000 TO MALIR BUND AT KORANGLI.

NOTE:

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 9.769 Million
Bid Security: -	Rs. 0.195 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **CONSTRUCTION OF BOTH TRACK ROAD 10000 FROM ROAD 3000 TO MALIR BUND AT KORANGI. (Re-Invite)**

Estimated Cost:- Rs.9.769 Million

Bid Security:- Rs. 0.195 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Earth work excavation undressed lead upto a single throw of kassi pharwah or shovel in ordinary Soil.	32400.00	%CFT	1134.80	36768.00
2	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Rait, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 2 Miles etc).	32400.00	%CFT	1050.00	340200.00
3	Providing and Fixing of Cement Concrete industrial made road Kerb Block Complete as per Direction of the Engineer Incharge 12x12x6 in size	5400.00	Each	297.01	1603854.00
4	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	43416.00	%CFT	3341.71	1450837.00
5	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shell be consider for payment as directed by the engineer in-charge.	32400.00	%CFT	5542.24	1795686.00
6	Laying to Proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) Prepared to specified fomula according to job mix formula approved by Engineer incharge including rolling and finishing to Properline, grade level and camber etc: (Machinery with POLs cost of material carriage) <b>5-CM.</b>	64800.00	%SFT	8274.73	5362025.00
7	Dismantling of C.C. Work and Disposal the dismantled material etc complete.	4050.00	%CFT	3327.50	134763.00
<b>SUB-TOTAL (PART-A)</b>					<b>10724133.00</b>

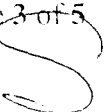
Signature of the Bidder with Stamp



**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
8	<p>P/Spraying of prime coat with medium curing asphalt of penetration grade 60/70 prime coats shall be used C 11 liters %Sft (1.2 liters/Sq M) at 70DC mixed with adequate quantity of Kerosine oil, using uniformly pressure spray distributor 1 boiler with automatic installer prior to application of the prime coat all used material shall be removal from the base course and the same shall be cleaned by means of apposed mechanical sweepers blowers hard brooms and disposal the same within three chain. After the application traffic shall be kept off from surface fill the laying of bituminous course Material and methodology shall fully comply the tests and specifications of AASHTO and as directed by the Engineer in charge.</p>	64800.00	P.SFT			
9	<p>Supplying and Filling earth for road embankment / burms from outside sources, watering, consolidation, compaction as per ASHTO specification and as per direction of the Engineering Incharge.</p>	12150.00	CFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF BOTH TRACK ROAD 10000 FROM ROAD 3000 TO MALIR BUND AT KORANGLI. (Re-Invite)

Estimated Cost:- Rs.9.769 Million  
Bid Security:- Rs. 0.195 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b>PART – A:</b> Items Based on S/R amounting to Rs.1,07,24,133/-. _____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b>PART – B:</b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
	<b>GRAND TOTAL (A+B)</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees) \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_ (Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

Signature of the Contractor with Stamp

Address: \_\_\_\_\_

Checked By :



# **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

## **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction of Both Track Road 1000 from Road 3000 to Malir Bund at Korangi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.9.769 Million
- e) **Amount of Bid Security:** Rs. 0.195 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

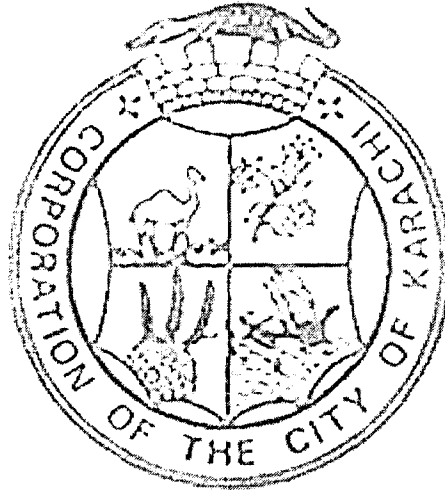


(15)

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/40/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

CONSTRUCTION & REHABILITATION OF NALAH  
FROM SHAHRAH-E-FAISAL IN MORRIO GOTH  
RAILWAY CROSSING SHAH FAISAL TOWN.

NOTE:

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 10.390 Million
Bid Security: -	Rs. 0.201 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION & REHABILITATION OF NALAH FROM SHAHRAH-E-FAISAL IN MORRIO GOTH RAILWAY CROSSING SHAH FAISAL TOWN. (Re-Invite)

Estimated Cost:- Rs.10.390 Million

Bid Security:- Rs. 0.201 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of C.C. Plain 1:2:4 etc.	310.50	%CFT	3327.50	10332.00
2	Dismantling of Cement concrete reinforcement separating reinforcement from concrete cleaning etc.	1160.00	%CFT	5445.00	63162.00
3	Dismantling cement block masonry.	1120.00	%CFT	1134.38	12705.00
4	Earth work excavation undressed lead upto a single throw of Kassi Phawrah or Shovel (a) In ordinary Ashes, Sand, Soil or Silt Clearance.	98000.00	%OCFT	1134.38	111169.00
5	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc)	2590.50	%CFT	1065.04	27590.00
6	Stone Pitching including Sub-Base with hammer dressed stone on surface laid in courses including Carriage of materials chains.	14000.00	%CFT	5377.63	752868.00
7	Providing and laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specifications i/c spreading and compacting by approved mechanical means (Motor grader, Vibratory roller and Smooth wheel roller etc) watering to maintain the moisture content the compaction of each layer shall 100 percent to the max dry density (Rate i/c all cost of materials T&P and carriage upto 3 chains).	7000.00	%CFT	5542.24	387957.00
8	C.C. plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:3:6.	4620.00	%CFT	12595.00	581889.00
9	RCC Reinforcement cement concrete i/c all labour and material expect the cost of steel reinforced and its labour for bending and binding which will be paid separately this rate also includes all kinds of forms mould lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingles) a) R.C. Work in roof slab, beams columns rafts, lintels and other structure members laid in situ or precast laid in position complete in all respects (i) Ratio (1:2:4) 90 Lbs cement 2-CFT Sand 4-CFT shingle 1/8" to 1/4" gauge.	20500.00	P.CFT	258.00	5289000.00



	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
10	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying binding and position making joints and pasting i/c cost of binding wire (also i/c removal of rust from bars).	732.14	P.CWT	4820.20	3529061.00
11	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc. at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of pumping set of upto 10 H.P pumping out water from 10 ft. deep trench.	30.00	Days	1500.00	45000.00
12	Providing Laying RCC Pipes & Collars of Class "C" and fixing in trench i/c cutting, fitting and jointing with maxphall composition and cement mortar (1:1) i/c tassing with water to a head of 45 meter or 150ft.	160.00	P.RFI	418.00	66880.00
<b>SUB-TOTAL (PART-A)</b>					<b>10877613.00</b>

Signature of the Bidder with Stamp

**PART – B (Non-Schedule Items / O/R)**

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
13	P/F of fair face steel form work, the form shall be made with 10 gauge steel plates and fixed at site in line and grade with the help of steel and wooden camps in such a ways that form shall with hold and resist the vibration and pouring force and when form is opened. The concrete shall smooth and free from honey combing that no plaster no repair is required and complete the job as per instruction of Engineer Incharge.	12000.00	P.SFT			
14	Extra for using Sulphate Resistance cement.	3485.00	Bags			
15	Supply and Filling New Jute Bags 1.25 CFT Capacity with sand or earth sewing and laying in position under water.	9600.00	Bags			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION & REHABILITATION OF NALAH FROM SHAHRAH-E-FAISAL IN MORRIO GOTH RAILWAY CROSSING SHAH FAISAL TOWN. (Re-Invite)

Estimated Cost:- Rs.10.390 Million  
Bid Security:- Rs. 0.201 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b>PART -- A:</b> Items Based on S/R amounting to <b>Rs.1,08,77,613/-</b> . _____ % Below the S/R. <b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	Rs. _____
2.	<b>PART -- B:</b> Items Based on Non Schedule Items / Offer Rates	Rs. _____
<b>GRAND TOTAL (A+B)</b>		Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_  
dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

Address: \_\_\_\_\_

Checked By :



# **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

## **Minimum Qualification Criteria:**


- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**

A large, stylized handwritten letter 'S' in black ink, located at the bottom right of the page.

## Bidding Data

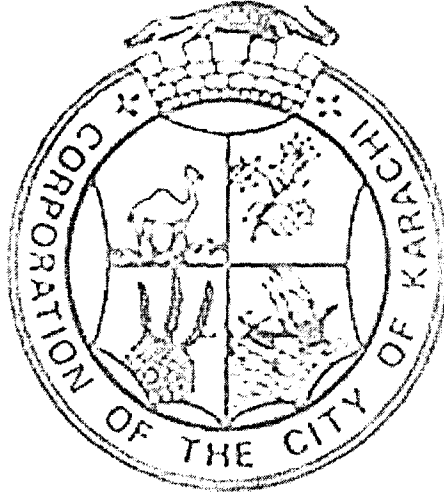
(This section should be filled in by the Engineer / Procuring Agency before issuance of the Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction & Rehabilitation of Nalah from Sl e-Faisal in Morrio Goth Railway Crossing Shah Town. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, Karachi.
- d) **Estimated Cost:** Rs.10.390 Million
- e) **Amount of Bid Security:** Rs. 0.201 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2010 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:** 

**KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



Tender Reference No. KMC/CM/ED/35/2013-14

**(RE-INVITE)**

**BILL OF QUANTITIES**

**REHABILITATION /IMPROVEMENT OF STROM WATER  
DRAIN INCLUDING ROAD FROM RAILWAY CROSSING TO  
KESC SUBSTATION AT MAURIPUR ROAD, KARACHI.**

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 19.949 Million
Bid Security: -	Rs. 0.399 Million
Tender Cost: -	Rs. 3,000/-

A large, stylized handwritten signature in black ink, resembling a large 'S' with a flourish at the end.

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REHABILITATION /IMPROVEMENT OF STROM WATER DRAIN INCLUDING ROAD FROM RAILWAY CROSSING TO KESC SUBSTATION AT MAURIPUR ROAD, KARACHI. (Re-Invite)**

Estimated Cost:- Rs.19.949 Million

Bid Security:- Rs. 0.399 Million

Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of Cement concrete reinforcement separating reinforcement from concrete cleaning etc.	1313.00	%CFT	5445.00	71493.00
2	Dismantling of C.C. work Cast in situ in foundation basement and plinth i/c disposal of surplus material within three chain.	750.00	%CFT	3327.50	24956.00
3	Earth work excavation undressed lead upto a single throw of Kassi Phawrah or Shovel (a) In ordinary Ashes, Sand, Soil or Silt Clearance.	10203.00	%0CFT	1134.38	11574.00
4	Excavation in foundation of Building Bridges and other structures including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead upto 5-ft (b) in ordinary soil.	55000.00	%0CFT	3176.25	174694.00
5	Supply and Filling new jute bags 4 to 5 CFT Capacity with sand or earth sewing and stacking in dry.	100.00	P.Bag	184.31	18431.00
6	Full hire charges of the pumping set per day inclusive of wage of driver and Assistant fuel or electric energy plate forms required for placing pumps etc. at lower depth with suction and delivery pipes for pumping out water found at various depths from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of pumping set of upto 10 H.P pumping out water from 10 ft. deep trench.	120.00	Days	1000.00	120000.00
7	Stone Pitching for top layer only (1.3' to 1.5' thick). (b) In Bed	7500.00	%CFT	1996.50	149738.00
8	C.C. plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:3:6.	5000.00	%CFT	12595.00	629750.00
9	Erection and removal of centering for RCC or Plain cement concrete works for partial wood (ii) Vertical.	42000.00	%SFT	3127.41	1313512.00
10	Cement Concrete plain including placing compacting, finishing and curing complete (including screening and washing at stone aggregate without shuttering). a) Ration 1:2:4	15750.00	%CFT	14429.25	2272607.00
11	Fabrication of mild steel reinforcement for cement concrete i/c cutting bending laying binding and position making joints and pasting i/c cost of binding wire (also i/c removal of rust from bars). (4000 PSI)	262.50	P.CWT	4820.20	1265303.00





SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
12	RCC Reinforcement cement concrete i/c all labour and material expect the cost of steel reinforced and its labour for bending and binding which will be paid separately this rate also includes all kinds of forms mould lifting shuttering curing rendering and finishing the exposed surface (i/c screening and washing of shingles) a) R.C. Work in roof slab, beams columns rafts, lintels and other structure members laid in situ or precast laid in position complete in all respects (i) Ratio (1:2:4) 90 Lbs cement 2-CFT Sand 4-CFT shingle 1/8" to 1/4" gauge.	7350.00	P.CFT	258.00	1896300.00
13	Providing & Laying 2" thick topping cement concrete ratio (1:2:4) including surface finishing and dividing into panel.	7000.00	%SFT	3275.50	229285.00
14	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Rait, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	57063.00	%CFT	1063.00	606580.00
15	P/F fair face industrially produced pre-cast kerb stone with ration 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.	848.00	RFT	297.01	251864.00
16	Making & Fixing grating in opening including fixing at site with flat iron 2"x3/8" and 3/4" sq. bars at 4" Centre to centre.	100.00	P.SFT	293.15	29315.00
17	Scarifying the existing road surface.	72000.00	%SFT	116.16	83635.00
18	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	41760.00	%CFT	5542.24	2314439.00
19	Applying priming coat or tack coat with approved binder at the required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc complete.	72000.00	%SFT	64.96	46771.00
20	Providing and Laying Plant mixed asphalt concrete Binder Course compacted thickness 3" (75mm thick) as per approved job mix Formula using crush aggregate from approved sources. Using asphalt of grade 60/70 during laying temperature not less than 140C compacted by steel wheel & PTR roller. The procedure of laying binder course material & methodology shall fully comply with AASHTO and as directed by Engineer Incharge. Minimum bitumen content should be 3.5% Binder course shall be spreading using paver machine. Rolling & Finishing to design proper grade line level and camber etc (Machinery with POLs cost of Material Carriage) 3" (75m.m) Asphaltic Base Course Plant Mix.	63771.507	%SFT	10769.91	6868134.00

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
21	Laying mechanically to proper line and grade plant mixed Asphalt concrete specified formula according to job mixed formula approved by the Engineer Incharge rolling and finishing to design proper grade line level and camber etc (Machinery with POLs Cost of material carriage) 1½" Thick Asphalt concrete wearing course Plant Mix.	72000.00	%SFT	6873.79	4949129.00
22	Pavement marking in Reflective Thermo Plastic Paint for lines of 6" Width.	2000.00	P.RFT	41.24	82480.00
23	Supply and Fixing of reflectorize Road studs double face, flush surface type.	100.00	Each	596.23	59623.00
<b>SUB-TOTAL (PART-A)</b>					<b>23469613.00</b>

Signature of the Bidder with Stamp



**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: REHABILITATION /IMPROVEMENT OF STROM WATER DRAIN INCLUDING ROAD FROM RAILWAY CROSSING TO KESC SUBSTATION AT MAURIPUR ROAD, KARACHI. (Re-Invite)

Estimated Cost:- Rs.19.949 Million

Bid Security:- Rs. 0.399 Million

Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

	<b>PART – A:</b> Items Based on S/R amounting to <b>Rs.2,34,69,613/-</b> . _____ % Below the S/R.	Rs. _____
1.	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
	<b>GRAND TOTAL</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_  
(in Figure) (In Words)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

**Address:** \_\_\_\_\_

Checked By :



## **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 and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Rehabilitation /Improvement of Storm Water Drain including Road from Railway Crossing to KESC Substation at Mauripur Road, Karachi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.19.949 Million
- e) **Amount of Bid Security:** Rs. 0.382 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

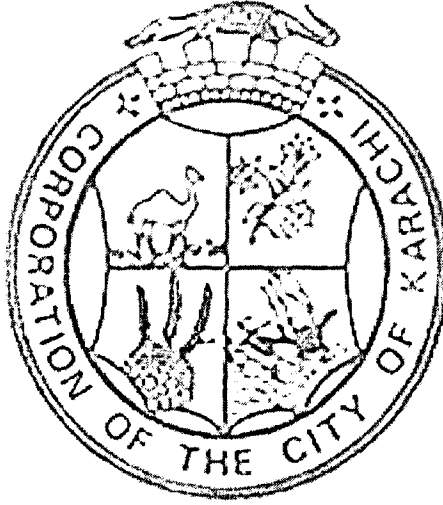
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# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/205/2012-13

RE-INVITE

## **BILL OF QUANTITIES**

CONSTRUCTION OF ROAD BETWEEN GOTH HAJI SHAH  
BAIG ROAD TO HUB RIVER KARACHI. (RE-INVITE)

**NOTE:**

The condition of Contract will be available on K.M.C. Website ([www.karachicity.gov.pk](http://www.karachicity.gov.pk)).

Estimate Cost: -	Rs. 93.585 Million
Bid Security: -	Rs. 1.870 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF ROAD BETWEEN GOTH HAJI SHAH BAIG ROAD TO HUB RIVER KARACHI. (RE-INVITE)

Estimated Cost:- Rs.93.585 Million  
 Bid Security:- Rs. 1.870 Million  
 Tender Cost: - Rs.3000/-

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	P/L granular sub base course as AASHTO standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	28350.00	Cu.M	1548.33	43895156.00
2	P/L aggregate base course CBR 80% as per (AASHTO) standard specification including compacting to the required density by approved Mechanical means (Vibratory Roller) and packer and smooth wheel rollers etc. including watering with all lead and lift etc complete actual compacted depth shall be consider for payment as directed by the engineer in-charge.	5840.00	Cu.M	1958.39	11436998.00
3	Providing and laying Asphalt Concrete Binder Course compacted thickness 6 Cm (60mm thick) as per approved job mix formula using crush aggregate from hub sources or equivalent. Using asphalt of grade 60/70 during laying temperature not less than 140°C compacted by steel wheel & PTR roller. The procedure of laying binder course material & methodology shall fully comply with AASHTO and as directed by the Engineer Incharge minimum bitumen content should be 3.5% binder course shall be spread using paver machine. Rolling and finishing to design proper grade line level and camber etc (machinery with POLs cost of material)	29200.00	Sq.M	888.14	25933688.00
4	Applying Prime Coat with approved binder at the required rate including cleaning the road surface thoroughly, heating to the required temperature and spraying the binder with pressure as directed etc.	29200.00	Sq.M	6.98	203816.00
5	Providing & Fixing Pre-Cast Flush Kerb Block 3750psi industrial made size 6" thick into 12" long into 12" high including the cost of cartage excavation formwork for haunching 1450 psi lean concrete 2250 psi concrete for haunching 1:4 cement sand mortar.	8000.00	RM	974.19	7793520.00
<b>SUB-TOTAL (PART-A)</b>					<b>89263178.00</b>

Signature of the Bidder with Stamp



**PART – B (Items Based on / A/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
6	Providing Prime Coat MC-70 cold applied Bitushield-M as per Vol-II of special specification paid according to drums @ site or Bill of loading filling in distributor truck.	29200.00	Sq.M	149.29	4359268.00
<b>SUB-TOTAL (PART-A)</b>					<b>4359268.00</b>

Signature of the Bidder with Stamp





**KARACHI METROPOLITAN CORPORATION**  
**ENGINEERING DEPARTMENT**

Subject: CONSTRUCTION OF ROAD BETWEEN GOTH HAJI SHAH BAIG ROAD TO HUB RIVER KARACHI. (RE-INVITE)

Estimated Cost:- Rs.93.585 Million  
Bid Security:- Rs. 1.870 Million  
Tender Cost: - Rs.3000/-

I / We hereby quoted as follows:

1.	<b>PART – A:</b> Items Based on S/R amounting to Rs. 8,92,63,178/-. _____ % Below the S/R.	Rs. _____
	<b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	
2.	<b>PART – B:</b> Items Based on A/R amounting to Rs. 43,59,268/-. _____ % Above / Below the A/R.	Rs. _____
	<b>GRAND TOTAL (A+B)</b>	Rs. _____

The total amount is Rs. \_\_\_\_\_ (Rupees) \_\_\_\_\_ (In Words)  
(in Figure)

\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

I / We have attached a pay order bearing No. \_\_\_\_\_

dated \_\_\_\_\_ issued from \_\_\_\_\_  
(Name of Bank)

Bank amounting to Rs. \_\_\_\_\_ as per NIT.

**Time Limit: 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.

**Signature of the Contractor with Stamp**

Address: \_\_\_\_\_

Checked By :



## **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-4 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.
- iv). Registration with Sindh Board of Revenue.

### **Minimum Qualification Criteria:**

- v). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- vi). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vii). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- viii). 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.
- ix). Evidence of employing Engineer as declared in the PEC License should be provided in shape of copy of Engineer's Registration certificate by PEC, Bank Statement showing the name and amount of the monthly salary of the Engineer / Paid copy of the Income Tax challan in the name of the Engineer of the salary is taxable.
- x). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount issued on or after 15<sup>th</sup> November 2015 should be produced.
- xi). 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.
- xii). The minimum turn over / work experience with satisfactory completion report in last 2 years or atleast 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**



## Bidding Data

(This section should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents).

- a) **Name of Procuring Agency:** Karachi Metropolitan Corporation (KMC).
- b) **Brief Description of Work:** Construction of Road Between Goth Haji Shah Baig Road to Hub River Karachi. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.93.585 Million
- e) **Amount of Bid Security:** Rs. 1.870 Million
- f) **Period of Bid Validity (days):** 90 Days
- g) **Security Deposit (i/c bid security):** 10% of Quoted Amount
- h) **Percentage, if any, to be deducted from bills:** 5% to be deducted from Running Bills.
- i) **Deadline for submission of bid along with time:** As per NIT
- j) **Venue, Time and date of bid opening:** Committee Room of Engineering Department, 4<sup>th</sup> Floor, Civic Centre, Gulshan-e-Iqbal, Karachi, on 04-01-2016 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

S