

## **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 FL-1 to ST-21, Block-2, Scheme-5, Clifton District South KMC. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.15.923 Million
- e) **Amount of Bid Security:** Rs. 0.318 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 12-03-2014 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

## **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-14 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.19.997 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 **12-03-2014** at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

## **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 / Maintenance of Road 8000 from Road 1500 to Murtaza Chowrangi to Dawood Chowrangi in District Malir, KMC. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.8.405 Million
- e) **Amount of Bid Security:** Rs. 0.168 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 12-03-2014 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

## **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 Internal Roads at Parsi Colony Mehmoodabad Karachi. (Re-Invite)**
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** **Rs.18.164 Million**
- e) **Amount of Bid Security:** **Rs. 0.363 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 **12-03-2014** at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

## **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:** **Up-Gradation / Improvement of Road from Gulbai to PAF Base Masroor. (Re-Invite)**
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** **Rs.19.596 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 **12-03-2014** at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

## **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 Road from BC-6 to ST-10 & D-47 to D-52 Block-1, Scheme-5, Clifton, District South, KMC Karachi.
- 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 12-03-2014 at 2:30 PM.
- k) **Liquidity damages:** Rs.3,000/- per day
- l) **Deposit Receipt No. Date & Amount:**

## **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 Service Lane from Korangi Road to Expressway to Facilities Traffic flow for Iqra University. (Re-Invite)
- c) **Procuring Agency Address:** 4<sup>th</sup> Floor Civic Centre, Engineering Department, KMC, Karachi.
- d) **Estimated Cost:** Rs.5.395 Million
- e) **Amount of Bid Security:** Rs. 0.108 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 12-03-2014 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/38/2013-14**

**(RE-INVITE)**

## **BILL OF QUANTITIES**

**CONSTRUCTION OF SERVICE LANE FROM  
KORANGI ROAD TO EXPRESSWAY TO FACILITIES  
TRAFFIC FLOW FOR IQRA UNIVERSITY.**

**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. 5.395 Million
Bid Security: -	Rs. 0.108 Million
Tender Cost: -	Rs. 3,000/-



**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **CONSTRUCTION OF SERVICE LANE FROM KORANGI ROAD TO EXPRESSWAY TO FACILITIES TRAFFIC FLOW FOR IQRA UNIVERSITY. (RE-INVITE)**

**Estimated Cost:- Rs.5.395 Million**

**Bid Security:- Rs. 0.108 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.	1400.00	%SFT	773.86	10834.04
2	Dismantling of C.C. Plain 1:2:4 etc.	2900.00	%CFT	3327.50	96497.50
3	Earth Excavation ash, sand soft soil or silt clearance undresses lead upto 50-ft.	10725.00	%0CFT	1663.75	17843.72
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 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).	15025.00	%CFT	714.29	107322.07
5	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.	11550.00	%CFT	3380.43	390439.67
6	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.	13825.00	%CFT	5542.24	766214.68
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.	27650.00	%SFT	8274.73	2287962.85
8	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.	2600.00	RFT	297.01	772226.00

<b>SN</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>AMOUNT</b>
<b>9</b>	Painting with enamel paint on masonry wall (1 <sup>st</sup> Coat + 2 <sup>nd</sup> subsequent Coat).	2600.00	%SFT	1421.75	36965.50
<b>10</b>	Supply and Fixing of Plastic Road Studs face (Cat Eyes).	2600.00	Each	596.23	1550198.00
<b>11</b>	Providing & Laying 2" Thick topping C.C. 1:2:4 including finishing and dividing into panels.	1600.00	%SFT	3275.50	52408.00
<b>SUB-TOTAL (PART-A)</b>					<b>6088912.00</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	
12	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.	27650.00	P.SFT			
13	P/L 4" Thick dry stone metal compacted thickness 1-1/2" to X" broken stone ballast approved grade and quality using crushed dust at 16.60 of %SFT approved quality to fill upto voids watering leveling.	1600.00	P.SFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp

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

Subject: **CONSTRUCTION OF SERVICE LANE FROM KORANGI ROAD TO EXPRESSWAY TO FACILITIES TRAFFIC FLOW FOR IQRA UNIVERSITY. (RE-INVITE)**

Estimated Cost:- Rs.5.395 Million  
Bid Security:- Rs. 0.108 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.60,88,912/-</b> . _____ % <b>Below the S/R.</b> <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 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: 90 Days**

**Penalty per day: Rs. 3,000/-**

**Note:**

- Tender must be quoted in figure & in words both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.

**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.

## **Minimum Qualification Criteria:**

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount issued on or after 10<sup>th</sup> February 2014 should be produced.
- 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**

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/30/2013-14

(RE-INVITE)

## **BILL OF QUANTITIES**

### **IMPROVEMENT OF MAIN STREET ROADS & LAYING OF SEWERAGE LINE IN BLOCK-14, 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. 19.997 Million
Bid Security: -	Rs. 0.399 Million
Tender Cost: -	Rs. 3,000/-

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **IMPROVEMENT OF MAIN STREET ROADS & LAYING OF SEWERAGE LINE  
IN BLOCK-14, GULISTAN-E-JOHAR, KARACHI. (RE-INVITE)**

**Estimated Cost:- Rs.19.997 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 Bitumen carpet of average thickness in between 3" to 4" etc complete as required.	88000.00	%CFT	605.00	532400.00
2	Dismantling C.C. work i/c Disposal within one chain same.	8000.00	%CFT	3227.50	258200.00
3	Earth work excavation in road works ordinary soil i/c disposal within one square kilometer.	9600.00	%0CFT	1637.75	15722.00
4	Jungle clearance and removing within 100 ft: <b>(Thick Jungle).</b>	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).	105600.00	%CFT	714.29	754290.00
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>	198900.00	%SFT	6873.79	13671968.00
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/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.	21600.00	%CFT	3341.71	721809.00
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.	132191.00	%CFT	5542.24	7326342.00
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>23526372.00</b>

Signature of the Bidder with Stamp



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

Subject: **IMPROVEMENT OF MAIN STREET ROADS & LAYING OF SEWERAGE LINE  
IN BLOCK-14, GULISTAN-E-JOHAR, KARACHI. (RE-INVITE)**

Estimated Cost:- Rs.19.997 Million

Bid Security:- Rs. 0.399 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. 2,35,26,372./-</b> . _____ % Below the S/R. <b>Note:</b> 15% Below is the Maximum Ceiling on Schedule Items CSR 2012 by the Authority.	Rs. _____
<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-5 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.

## **Minimum Qualification Criteria:**

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). 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 if the Engineer of the salary is taxable.
- ix). 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 10<sup>th</sup> February 2014 should be produced.
- x). 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.
- xi). 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**

# **KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



**Tender Reference No. KMC/CM/ED/32/2013-14**

**(RE-INVITE)**

## **BILL OF QUANTITIES**

**REHABILITATION / MAINTENANCE OF ROAD 8000 FROM  
ROAD 1500 TO MURTAZA CHOWRANGI TO DAWOOD  
CHOWRANGI IN DISTRICT MALIR, KMC.**

**NOTE:**

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

<b>Estimate Cost: -</b>	<b>Rs.8.405 Million</b>
<b>Bid Security: -</b>	<b>Rs.0.168 Million</b>
<b>Tender Cost: -</b>	<b>Rs. 3,000/-</b>

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REHABILITATION / MAINTENANCE OF ROAD 8000 FROM ROAD 1500 TO MURTAZA CHOWRANGI TO DAWOOD CHOWRANGI IN DISTRICT MALIR, KMC. (RE-INVITE)**

**Estimated Cost:- Rs.8.405 Million**

**Bid Security:- Rs. 0.168 Million**

**Tender Cost: - Rs.3000/-**

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling of Bitumen Carpet of any description from existing road surface i/c its removal and disposal within 3 chain.	33120.00	%CFT	605.00	200376.00
2	Earth work excavation undressed lead upto a single throw of kassi pharwah or shovel in ordinary soil.	24840.00	%0CFT	1134.38	28178.00
3	Excavation for pipe line in trenches and pits in soft soil including trimming and dressing sides to true alignment and shape as directed by Engineer Incharge lift upto 5-ft and lead upto one chain.	437.50	%0CFT	5400.00	2363.00
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 10 Miles etc).	57960.00	%CFT	714.29	414002.00
5	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. (8" Dia)	25.00	P.RFT	229.00	5725.00
6	Providing and laying granular Sub-Base Course using hub gravell with sand and silt form 0 to 60mm laid in layes i/c compacting upto 98% of maximum dry density determined by AASHTO (T-180 methods) or as directed by the Engineer Incharge etc complete.	16560.00	%CFT	3341.71	553387.00
7	Providing and laying Aggregate base course over complete granular Sub-I base in conformity with gradesl thickness and typical cross section as shown in drawing for new pavement at grade widening of existing using well graded gravel of crush stone with sand and silt having a smooth gradation within the envelope limits for grading A OR B as per AASHTO M-147-65 (1985) and compacting to 100% of the maximum dry density according to AASHTO-T-180 Method C using approved mechanical means i/c watering with all leads and lifts complete as per drawing conditions of contracts specification and as per direction by the Engineer Incharge.	33120.00	%CFT	5542.24	1835590.00

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
8	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>(5cm Thick)</b>	66240.00	%SFT	8274.73	5480519.00
<b>SUB-TOTAL (PART-A)</b>					<b>8520140.00</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	
9	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.	66240.00	%SFT			
10	Raising of existing manholes with providing conical portion RCC ring slab and heavy duty C.I. manhole cover with locking arrangement etc complete.	5.00	Each			
11	Repair of leakages of water supply line with providing split collar on joint excavation back filling etc complete. (33" Dia)	25.00	Each			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp

# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT

Subject: **REHABILITATION / MAINTENANCE OF ROAD 8000 FROM ROAD 1500 TO MURTAZA CHOWRANGI TO DAWOOD CHOWRANGI IN DISTRICT MALIR, KMC. (RE-INVITE)**

Estimated Cost:- Rs.8.405 Million  
 Bid Security:- Rs. 0.168 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.85,20,140/-</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-6 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.

## **Minimum Qualification Criteria:**

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). Bank certificate (original) in respect of financial capability / credit limit of the bidder not less than 30% of the bid amount issued on or after 10<sup>th</sup> February 2014 should be produced.
- 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**



# **KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



**Tender Reference No. KMC/CM/ED/33/2013-14**

**(RE-INVITE)**

## **BILL OF QUANTITIES**

### **IMPROVEMENT OF INTERNAL ROADS AT PARSI COLONY MEHMOODABAD KARACHI.**

**NOTE:**

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

<b>Estimate Cost: -</b>	<b>Rs. 18.164 Million</b>
<b>Bid Security: -</b>	<b>Rs. 0.363 Million</b>
<b>Tender Cost: -</b>	<b>Rs. 3,000/-</b>

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **IMPROVEMENT OF INTERNAL ROADS AT PARSİ COLONY MEHMOODABAD  
KARACHI. (RE-INVİTE)**

**Estimated Cost:- Rs.18.164 Million**

**Bid Security:- Rs. 0.363 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 including base, sub-base and disposal of dismantling material to designated placed.	15827.50	%CFT	773.86	122482.69
2	Dismantling of Cement Concrete plain 1:2:4.	3662.00	%CFT	3327.50	121853.05
3	Dismantling of Cement Concrete plain 1:3:6 Block Masonry.	804.00	%CFT	1306.80	10506.67
4	Earth Excavation ashes sand soil or silt clearance undressed lead upto 50-ft.	134900.00	%0CFT	1663.75	224439.88
5	Cleaning desilting of manhole / inspection chambers i/c cleaning and Roding of connecting sewers (Average 50'-0 per Manhole removing sewerage and solid wastes and throwing outside KMC limits.	100.00	P.Mnh	974.80	97480.00
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).	155193.50	%CFT	714.29	1108531.65
7	Providing and laying granular Sub-Base Course using hub gravell with sand and silt form 0 to 60mm laid in layes i/c compacting upto 98% of maximum dry density determined by AASHTO (T-180 methods) or as directed by the Engineer Incharge etc complete.	92556.00	%CFT	3380.43	3128790.79
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.	86592.00	%CFT	5542.24	4799136.46
9	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>(5cm Thick)</b>	135200.00	%SFT	8274.73	10232922.96

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.	2000.00	RFT	297.01	594020.00
11	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 b) 15" Dia	1000.00 1200.00	P.RFT P.RFT	412.00 515.00	412000.00 618000.00
12	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.	46.00	Each	14748.00	678408.00
13	Manufacturing and supply RCC manhole cover cast in 1:2:4 concrete ratio 3" deep at centre reinforced with 3/8" dia TOR steel bars at 4" CC Welded to 1/8" thick 2.5" deep MS Plate i/c curing stacking and transportation within 10 miles. a) 21" Dia	55.00	Each	913.63	13704.45
<b>SUB-TOTAL (PART-A)</b>					<b>22162276.00</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	
14	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.	135200.00	P.SFT			
15	Raising of existing sewerage manholes services chamber cement concrete 1:2:4 upto 2' height i/c fixing of manhole cover with RCC ring slab etc complete.	28.00	Each			
16	Repair of water leakages MS Pipe as per specification complete with NAPCO Barrier material i/c excavation and etc complete. (8" Dia)	8.00	Each			
17	Repair of leakages RCC Pipe line under the roadway as directed by the Engineer Incharge.  a) 12" Dia  b) 15" Dia	8.00  7.00	Each  Each			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp

# KARACHI METROPOLITAN CORPORATION

## ENGINEERING DEPARTMENT

Subject: **IMPROVEMENT OF INTERNAL ROADS AT PARSİ COLONY MEHMOODABAD KARACHI. (RE-INVİTE)**

Estimated Cost:- Rs.18.164 Million  
 Bid Security:- Rs. 0.363 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.2,21,62,276/-</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. _____
GRAND TOTAL (A+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-5 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.

## **Minimum Qualification Criteria:**

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). 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 if the Engineer of the salary is taxable.
- ix). 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 10<sup>th</sup> February 2014 should be produced.
- x). 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.
- xi). 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**

# KARACHI METROPOLITAN CORPORATION

ENGINEERING DEPARTMENT

ANNUAL DEVELOPMENT PROGRAMME



Tender Reference No. KMC/CM/ED/122/2013-14

## **BILL OF QUANTITIES**

IMPROVEMENT OF ROAD FROM BC-6 TO ST-10 & D-47  
TO D-52 BLOCK-1, SCHEME-5, CLIFTON, DISTRICT  
SOUTH, KMC 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. 19.600 Million  
Bid Security: - Rs. 0.392 Million  
Tender Cost: - Rs. 3,000/-

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **IMPROVEMENT OF ROAD FROM BC-6 TO ST-10 & D-47 TO D-52 BLOCK-1,  
SCHEME-5, CLIFTON, DISTRICT SOUTH, KMC KARACHI.**

**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 and Removing road metalling.	21500.00	%CFT	605.00	130075.00
2	Earth work excavation undressed lead upto a single throw of kassi phawrah or shovel.	36000.00	%0CFT	1361.25	49005.00
3	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..	1200.00	%0CFT	4650.00	5580.00
4	Dismantling of C.C. Plain 1:2:4 etc complete.	33100.00	%CFT	3327.50	1101402.50
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).	90600.00	%CFT	1065.04	964926.00
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.	100.00	P.RFT	367.00	36700.00
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. <b>(21" Dia)</b>	2.00	Each	913.63	1827.26
8	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.	2.00	Each	14748.00	29496.00
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.	36000.00	%CFT	3341.71	1203016.00



SN	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.	58308.00	%CFT	5542.24	3231569.30
11	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>(5cm Thick)</b>	95700.00	%SFT	8274.73	7918916.61
12	Providing & Laying 2" thick C.C. Floor cement concrete 1:2:4 surface finishing and dividing into panels etc complete.	1200.00	%SFT	3275.50	39306.00
13	Cement Concrete plain 1:4:8 including placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering.	600.00	%CFT	11285.75	67714.50
14	Cement Concrete plain 1:2:4 including placing compacting, finishing and curing, complete including screening and washing at stone aggregate without shuttering.	1755.00	%CFT	14429.25	253233.34
15	Providing & Fixing industrial Made concrete Precast KERB Block 3750 PSI size 6" thickx12" longx18" high using SR cement including the cost of cartage, 1450 PSI lean concrete; 1:4 cement sand mortor and joint the Kerb Block with level and alignment shall be proper material as directed by Engineer Incharge.	4400.00	P.RFT	297.01	1306844.00
16	P/F cement paving blocks flooring having size of 197x97x60 (mm) 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 specified manner / pattern and design etc complete.	23200.00	P.SFT	199.77	4634664.00
17	Supplying & fixing of Reflectorize Road studs Double face, flush surface type.	1388.00	Each	596.26	827609.00
18	Pavement making in Reflective Thermo Plastic Paint for Lines of 6" width.	7664.00	P.RFT	41.24	307815.36
<b>SUB-TOTAL (PART-A)</b>					<b>22109699.00</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	Raising / Lowering of Main Hole i.c C.C. i/c street and fixing C.I. Frames upto 2' depth etc complete.	4.00	Each			
20	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).	9139.00	P.SFT			
21	Providing and Spraying tack coat with slow setting enlisted asphalt of penetration grade 60/70. Tack coat shall be used at the rate of 3.7 liters %SFT (0.4 liters / Sq. Meter) mixed with emulsifying agent at 700 casing uniformly pressure spray distributor / boiler with automatic teiuperataries controller pisoer to the application earthy I rubbish slacked on the existing road surface shall be searified the road surface shall be cllom by the brunch and blower is such a way that the surface shall be free from dust and dort and disposed of all kind of excavated material within three chains after application traffic shall be kept off and the surface must be in tracily eondition till the laying of bitiuminous eovsse biesmen course must be laid after 2 to 4 hours of tack coat application material and methodology shall fully comply the tests owol specification of AASHTO as directed by the Engineer Incharge.	3200.00	P.SFT			

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
22	Desilting and cleaning of Storm Water Drain i/c disposal of material lead upto 20 miles.	2000.00	P.CFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp

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

Subject: **IMPROVEMENT OF ROAD FROM BC-6 TO ST-10 & D-47 TO D-52 BLOCK-1, SCHEME-5, CLIFTON, DISTRICT SOUTH, KMC KARACHI.**

Estimated Cost:- Rs.19.600 Million  
 Bid Security:- Rs. 0.392 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.2,21,09,699/-</b> . _____% <b>Below the S/R.</b>  <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 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-5 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.

## **Minimum Qualification Criteria:**

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). 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 if the Engineer of the salary is taxable.
- ix). 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 10<sup>th</sup> February 2014 should be produced.
- x). 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.
- xi). 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**

# **KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



**Tender Reference No. KMC/CM/ED/27/2013-14**

**(RE-INVITE)**

## **BILL OF QUANTITIES**

**REHABILITATION / IMPROVEMENT OF ROAD FROM FL-1 TO ST-21, BLOCK-2, SCHEME-5, CLIFTON DISTRICT SOUTH KMC.**

**NOTE:**

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

<b>Estimate Cost: -</b>	<b>Rs. 15.923 Million</b>
<b>Bid Security: -</b>	<b>Rs. 0.318 Million</b>
<b>Tender Cost: -</b>	<b>Rs. 3,000/-</b>

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REHABILITATION / IMPROVEMENT OF ROAD FROM FL-1 TO ST-21, BLOCK-2, SCHEME-5, CLIFTON DISTRICT SOUTH KMC. (RE-INVITE)**

**Estimated Cost:- Rs.15.923 Million**

**Bid Security:- Rs. 0.318 Million**

**Tender Cost: - Rs.3000/-**

**PART – A (Items Based on S/R)**

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	Dismantling and Removing road metalling.	23100.00	%CFT	605.00	139755.00
2	Making Diagonal grooves of 1½" x 1½" and including in road surface.	57000.00	%SFT	146.41	83454.00
3	Earth work excavation undressed lead upto a single throw of kassi phawrah or shovel.	33600.00	%0CFT	1361.25	45738.00
4	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..	64000.00	%0CFT	4650.00	297600.00
5	Dismantling of C.C. Plain 1:2:4 etc complete.	3102.50	%CFT	3327.50	103236.00
6	Dismantling of RCC separating reinforcement from concrete cleaning and straightening the same.	20.28	%CFT	5445.00	1104.00
7	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).	123822.78	%CFT	1065.04	1318762.08
8	P/L RCC 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 rign i/c testing with water to specified pressure.	4000.00	P.RFT	412.00	1648000.00
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 ½'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.	40.00	Each	14748.00	589920.00
10	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.	33600.00	%CFT	3341.71	1122815.00

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
11	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.	42750.00	%CFT	5542.24	2369307.60
12	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>(5cm Thick)</b>	108000.00	%SFT	8274.73	8936708.40
<b>SUB-TOTAL (PART-A)</b>					<b>16656399.00</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	
14	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.	57000.00	P.SFT			
15	Providing & Fixing Pre-Cast KERB Block 3750psi industrial made size 6" thick x 12" long x 18" high including the cost of cartage.	5800.00	P.RFT			
	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	64.00	P.SFT			
	b) 4" Thick	16.00	P.SFT			

S.N	DESCRIPTION	QTY	UNIT	RATE		AMOUNT
				in Figure	in word	
16	Providing and Fixing Cement paving blocks flooring having size of 197x97x60 (mm) of city / quadra / cobble shape with pigmented having strength b/w 5000psi to 8500 psi including filling the joints with hill sand and laying in specified manner / pattern and design etc complete.	2160.00	P.SFT			
<b>SUB-TOTAL (PART-B)</b>						

Signature of the Bidder with Stamp

**KARACHI METROPOLITAN CORPORATION  
ENGINEERING DEPARTMENT**

Subject: **REHABILITATION / IMPROVEMENT OF ROAD FROM FL-1 TO ST-21, BLOCK-2, SCHEME-5, CLIFTON DISTRICT SOUTH KMC. (RE-INVITE)**

**Estimated Cost:- Rs.15.923 Million**  
**Bid Security:- Rs. 0.318 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.1,66,56,399/-</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 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-5 and above category and relevant field of specialization.
- ii). NTN Certificate
- iii). Valid Professional TAX.

## **Minimum Qualification Criteria:**

- iv). Bid Security, as mentioned in the NIT & Bidding Documents, is furnished.
- v). All rates quoted including the total amount of the bid shall be in figures & words (both).
- vi). All corrections / overwriting shall be clearly re-written with initials & duly stamped by the bidder.
- vii). The bid shall be properly signed, named & stamped by the authorized person of the firm and authorization letter for signatory shall be enclosed with the tender by the authorized person, if other than the signatory of the firm.
- viii). 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 if the Engineer of the salary is taxable.
- ix). 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 10<sup>th</sup> February 2014 should be produced.
- x). 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.
- xi). 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**

# **KARACHI METROPOLITAN CORPORATION**

**ENGINEERING DEPARTMENT**

**ANNUAL DEVELOPMENT PROGRAMME**



**Tender Reference No. KMC/CM/ED/20/2013-14**

**(RE-INVITE)**

## **BILL OF QUANTITIES**

### **UP-GRADATION / IMPROVEMENT OF ROAD FROM GULBAI TO PAF BASE MASROOR.**

**NOTE:**

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

<b>Estimate Cost: -</b>	<b>Rs. 19.596 Million</b>
<b>Bid Security: -</b>	<b>Rs. 0.392 Million</b>
<b>Tender Cost: -</b>	<b>Rs. 3,000/-</b>

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

Subject: **UP-GRADATION / IMPROVEMENT OF ROAD FROM GULBAI TO PAF BASE MASROOR. (RE-INVITE)**

**Estimated Cost:- Rs.19.596 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	Scarifying the existing road surface.	20736.00	%CFT	116.16	24087.00
2	Providing and Laying Aggregate Base Course in proper grade and chamber 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) water to maintain the moisture content the compaction of each layer shall 100% to the max dry density (Rate i/c all cost of material T&P and carriage upto 3 Chain).	45360.00	%CFT	5542.24	2513960.00
3	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.	90000.00	%SFT	64.96	58464.00
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.	90000.00	%SFT	10769.91	9692919.00
5	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.	129600.00	%SFT	6873.79	8908432.00
6	Dismantling cement concrete plain 1:2:4.	6000.00	%CFT	3327.50	199650.00
7	Dismantling cement concrete reinforced separating reinforced cement from concrete cleaning and straightening the same.	289.00	%CFT	5445.00	15736.00

SN	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
8	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).	27025.00	%CFT	1064.96	287805.00
9	Providing and laying reinforced cement concrete having 4000psi 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.	502.00	%CFT	28814.66	144650.00
10	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).	20.17	P.Cwt	5001.70	100884.00
11	Providing and laying fair faced reinforced cement concrete new jersey barrier having 3000 psi compressive cylindrical strength Concrete (Ready Mixed concrete) (Area 1.50 SFT) as per drawing including the cost of excavation, formwork, lean concrete 1450psi compressive cylindrical strength etc complete in all respect. (Excluding the cost of steel reinforcement).	400.00	P.RFT	524.83	209932.00
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.	803.00	P.RFT	297.01	238499.00
13	Pavement marking in Reflective Thermo Plastic Paint for Lines of 6" Width (Thermoplastic Paint).	1000.00	P.RFT	41.24	41240.00
14	Supplying and Fixing of reflectorize Road Studs Double Face, Flush surface type (Cat Eyes / Road Studs).	400.00	Each	596.23	238492.00
15	Providing & Fixing Informatory Sign Rectangular shape 4'x3" comprizing 2 Nos: 3" Dia G.I pipe Post i/c Painting, writing as directed each.	10.00	Each	16956.00	169560.00
16	Painting with enamel paint on masonry wall.	8000.00	%SFT	302.50	24200.00
17	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.	10.00	Each	913.63	9136.00
<b>SUB-TOTAL (PART-A)</b>					<b>22877647.00</b>

Signature of the Bidder with Stamp

**KARACHI METROPOLITAN CORPORATION**  
**ENGINEER DEPARTMENT**

Subject: **UP-GRADATION / IMPROVEMENT OF ROAD FROM GULBAI TO PAF BASE MASROOR. (RE-INVITE)**

Estimated Cost:- Rs.19.596 Million  
Bid Security:- Rs. 0.392 Million  
Tender Cost: - Rs.3000/-

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1.	<b><u>PART – A:</u></b> Items Based on S/R amounting to <b>Rs.2,28,77,647/-</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 \_\_\_\_\_  
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\_\_\_\_\_ for the complete job for all schedule of rates / offer rates..

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- viii). 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 if the Engineer of the salary is taxable.
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**Signature of the Bidder with Stamp**