

**SCHEDULE OF REQUIREMENT**

(Scope of Bid)

**Tender No. ( 05 )/(2016-2017)/D.M.C(Central)**

**IMPROVEMENT REHABILITATION OF INTERNAL ROADS FOOT  
PATH AND C.C FLOORING AT VARIOUS AREAS OF NORTH  
KARACHI, NEW KARACHI ZONE, DMC(CENTRAL)**

- 1) Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas By using items of BOQ in 180 Calendar Days.

NOTE:- Performance Security will be released on satisfactory completion report & after the expiry of maintenance period.

## BIDDING DATA

### Work No: 5 (2016-2017)

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

(a).Name of Procuring Agency

District Municipal Corporation-Central

(b).Brief Description of Works

Improvement / Rehabilitation of internal roads foot path and C.C Flooring at various area of North Karachi, New Karachi Zone, DMC(Central)

(c).Procuring Agency's address:-

D.M.C (Central) Sharah-e-Ibne Sina, Nazimabad No-2, Karachi.

(d).Estimated Cost:-

Rs. 20.00 (Million)

(e).Amount of Bid Security:-

Rs. 4,00,000/- (Fill in lump sum amount or in % age of bid amount/estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):-

90 Days

(g).Performance Security :-

10%

(in % age of bid amount/estimated cost equal to 10%)

(h).Percentage, if any, to be deducted from bills:- 7.5% Income Tax

(i).Deadline for Submission of Bids along with time:- Dated:- 10-5-2017 At:- 2:00 PM

(j).Venue, Time, and Date of Bid Opening:- Office of the B&R Department, 3<sup>rd</sup> Floor, District Municipal Corporation, Karachi-Central Shahr-e-Ibne Sina, Nazimabad No-2, Karachi. At:- 3:00 PM Dated:- 10-5-2017

(k).Time for Completion from written order of commence:- 6 months

(l).Liquidity damages:- 0.10% 0.05 of Estimated Cost of Bid cost per day of delay, but total not exceeding 10%.

(m).Tender Cost Receipt Pay Order No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Name of Bank \_\_\_\_\_

(n).Bidding Documents issued to: M/s.

CONTRACTOR SIGNATURE

ISSUING AUTHORITY

# STANDARD FORM OF BIDDING DOCUMENTS

FOR

## PROCUREMENT OF WORKS

For Contracts (Small) amounting between Rs. 2.5 Million to Rs. 50.00 Million

**Tender No. ( 05 )/(2016-2017)/D.M.C(Central)**

### BILL OF QUANTITIES

### (SINGLE STAGE ONE ENVELOPE METHOD)

(Alongwith Bidders Eligibility & Qualification Criteria & Method of Procurement)

### NAME OF WORK

**Improvement Rehabilitation of Internal roads foot path and  
C.C Flooring at various areas of North Karachi, New Karachi  
Zone, DMC(Central)**

ESTIMATED COST OF THE PROJECT (IN MILLION)	BID SECURITY OF ESTIMATED COST IN SHAPE OF PAY ORDER (IN RS.)	TENDER COST (IN RS.)
20.00	4,00,000/-	3000/-

CONTRACTOR SIGNATURE

Page 1 of 10



**OFFICE OF THE DEPUTY COMMISSIONER KARACHI CENTRAL****BILL OF QUANTITIES**

NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of North Karachi, New Karachi Zone, DMC(Central) \_\_\_\_\_

**Tender No.( 05 )/ (2016-2017)**

**(PART-A: ITEM BASED ON SCHEDULE RATE)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	Scarify the existing road surface	82500. Sft	116.16	%.Sft	95832/-
02	Dismantling stone melting etc complete	41250. Cft	605/-	%.Cft	249562/-
03	Dismantling CC work 1:2:4 etc. complete	2500.Cft	3327.50	% Cft	83187/-
04	Dismantling cement block machinery etc complete	756.Cft	1134.38	% Cft	8576/-
05	Earth work excavation of road side nallies i/c forming its banks or putting the same on embankment etc.	5175.Cft	1437/-	%0 Cft	7436/-
06	Excavation in foundation of building bridges and other structure including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead up to 5ft	2500.Cft	3176.25	%0 Cft	7941/-
07	Cartage of 100 cft/5 tones of all materials like 5' one aggregate spawl, coal, lime, surki, etc. (lead of 7 miles)	62881. Cft	804.52	% Cft	505890/-
08 (a)	Excavation for pipe line in trenches & pits in all kind of soil of murmur i/c trimming & dressing sides to true alignment & shape leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within one chain as	36000. Cft	4650/-	% 0.Cft	167400/-

**CONTRACTOR SIGNATURE**



(b)	directed by E.Incharge providing fence guard light & temporary crossing for non vehicular traffic wherever required lift upto 5' & lead upto one chain. Cutting for extra deep 5' to 8' add for additional lead of every one chain or part thereof in item no. 1 to 15 for excavation for pipe lines & pits.	1250.Cft	4650/- + 550/- 5200/-	% 0.Cft	6500/-
09	Excavation for pipe line in trenches & pits in hard rock by hammering and chiseling i/c trimming & dressing sides to true 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 E. Incharge providing fence guard light flags and temporary crossing for non vehicular traffic wherever required lift upto 5'	1250.Cft	24150/-	% 0Cft	30188/-
10	Hire charges of the pumping set upto 10 Horse power. But not less than 5HP Pumping out water from 15 fit depth trench	13. Days	1500/-	Per Day	19500/-
11	Providing / Laying and fixing in trenched i/c fitting , jointing & testing etc complete in all respect High density polythene pipe (HDPE-100) for w/s confirming to ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 PN-10				
	110 mm 4" dia	500.Rft	268/-	P/Rft	134000/-
	160 mm 6" dia	200.Rft	530/-	P/Rft	106000/-
	200 mm 8" dia	200.Rft	833/-	P/Rft	166600/-
12	Providing and laying UPVC pipe of class B fixing in trench i/c cutting fitting and jointing With solvent cement i/c testing with water to a head of 61 meter or 200 ft				
	06" dia	100.Rft	259/-	P/Rft	25900/-
	04" dia	100.Rft	136/-	P/Rft	13600/-
	03" dia	100.Rft	90/-	P/Rft	9000/-

13	Manf:, Supp: & fixing block steal MS pipe made our MS sheet of 6.4 mm thick from 3" to 18" dia confirming to API 5L grade X-42 spridly welded & externally asphalt coated internally epoxy coated (AWWA specification) i/c laying jointing with straight trenches i/c testing minimum specification pressure for different dia of pipe below;				
	12" dia	10.Rft	4726.00	P/Rft	47260/-
	08" dia	10.Rft	2804.00	P/Rft	28040/-
	06" dia	10.Rft	1984.00	P/Rft	19840/-
	04" dia	10.Rft	1229.00	P/Rft	12290/-
	03" dia	10.Rft	895.00	P/Rft	8950/-
14	Ref-filing excavated stuff in trench 6" layer i/c water ramming to dull compacting etc. complete	36751. Cft	2760/-	%0 Cft	101433/-
15	P/F M.S tail pieces (Dholki) on AC pipe fabrication with 1/4" thick MS plate having dimension & weight as mentioned against each item i/c the cost of labour & caulking 6" wide & flag end 3" wide.				
	12" dia	02.Nos	2997/-	Each	5994/-
	08" dia	02.Nos	2199/-	Each	4398/-
	06" dia	02.Nos	1422/-	Each	2844/-
	04" dia	02.Nos	1098/-	Each	2196/-
	03" dia	02.Nos	931/-	Each	1862/-
16	UPVC fitting tee				
	03" dia	02.Nos	361/-	Each	722/-
	04" dia	02.Nos	725/-	Each	1450/-
	06" dia	02.Nos	1446/-	Each	2892/-
17	UPVC fitting Bends				
	03" dia	02.Nos	475/-	Each	950/-
	04" dia	02.Nos	850/-	Each	1700/-
	06" dia	01.No	2500/-	Each	2500/-
18(a)	Tees (Equal)				
	6x6x6	02.Nos	1950/-	Each	3900/-
	4x4x4	02.Nos	1375/-	Each	2750/-



(b)	Tees (Un-equal)				
	12x6	02.Nos	4937.50	Each	9875/-
	12x4	02.Nos	3812.50	Each	7625/-
	6x4	02.Nos	1375.00	Each	2750/-
19	Cast iron special for AC pipe (Standard wt for "B" class) band.				
	08" dia	02.Nos	4330/-	Each	8660/-
	06" dia	02.Nos	2435/-	Each	4870/-
	04" dia	02.Nos	1082/-	Each	2164/-
	03" dia	02.Nos	609/-	Each	1218/-
20	Providing CI sluice valve heavy pattern (test pressure 21.0 kg/sq:cm or 300 lb/sq:inch) imported				
	12" dia	02.Nos	78000/-	Each	156000/-
	08" dia	01.No	17940/-	Each	17940/-
	06" dia	01.No	9360/-	Each	9360/-
	04" dia	02.Nos	5460/-	Each	10920/-
	03" dia	01.No	4290/-	Each	4290/-
21	Fixing of sluice valve with 2 cast iron tail pieces of one flanged & other with socket i/c the cost of nuts, bolts & rubber packing labour etc complete.				
	12" dia	02.Nos	3821.00	Each	7642/-
	08" dia	01.No	2790.00	Each	2790/-
	06" dia	01.No	1886.00	Each	1886/-
	04" dia	02.Nos	1532.00	Each	3064/-
	03" dia	01.No	1254.00	Each	1254/-
22	Providing & fixing Split collar 9" wide on A.C pipe fabricated with ¼" thick M.S plate weighting as mentioned against each item. It include the cost of 4 Nos. ¼" thick flanges, nuts & bolts, rubber packing, labour and sealing material etc complete				
	03" dia	01.No	1695/-	Each	1695/-
	04" dia	01.No	1835/-	Each	1835/-
	06" dia	01.No	2129/-	Each	2129/-
	12" dia	01.No	2510/-	Each	2510/-
23	Providing laying RCC pipes with (Rubber ring jointed fitting in trenched i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure				
	8" dia	1000.Rft	206.00	P/Rft	206000/-
	12" dia	1000.Rft	367.00	P/Rft	367000/-



24	Making connection with the existing manholes i/c the cost of cutting holes in walls making them good in cement concrete 1:2:4 and making the required channel etc	30.Nos	180/-	Each	5400/-
25	Man: & Supplying of RCC 21" dia frame slab 5" thick width ambadded 15 kg cost iron frame this 1:5:3 cone i/c maximum placing compact curing complete refreshing reinforced consisit of two 3/8" dia etc.	10.Nos	1906.60	Each	19066/-
26	Shifting of RCC ring slab of to the side & fixing in perfect position on damage main holes in proper shape of ring size 2" thick C: mortor & dispose off deliveries.	10.Nos	563.09	Each	5631/-
27	P/F RCC manholes cover 1:2:4 concrete (50% g/bajri 50% crush) 3" deep at C:reinforced with 1/2" thick MS bar @ 4" CC welded to a 3/16" thick 2.5 deep MS flat two hocks of 3/8" dia bars i/c compacting curing transportation with 10 miles.	100.Nos	913.63	Each	91363/-
28	Cleaning inside sewerage line complete restoring original silt free space/diameter of pipe line by labor and equipments (Mechanically/electrically driven i/c accessories like pulleys steels rob bucket and draggers sizing from 6" to 18" dia their to and from pulling action (no of passes shall be as many as require) would be taken in two phases first phase entire length from downstream to upstream brining down from peak hours sewerage to flow inside pipeline as free flow and in second phase from upstream to downstream of entire length ensuring no silt observed in bucket (6" dia to 18" dia) Except only sewereage water and finally passing a steel wall of dia 12" lesser that the diameter of pipe but not exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning the job i/c all the higher cost of equipment and accessory of above winching machine devices along with				

	engines with winching drum set having steel rob pulley mountain over it steel bucket from 6" to 18" dia hook and other protection like barrier traffic sign trafficions ensuring no damage pipe to along with ensuring safety to labor and other public property/lives and removal of silt/solid during delisting and clearance of site etc completed as per full satisfaction of site Incharge				
	12" dia	1000.Rft	80.50	P/Rft	80500/-
	15" dia	500.Rft	96.60	P/Rft	48300/-
	18" dia	4000.Rft	128.80	P/Rft	515200/-
29	Preparing Sub-Base by supplying and spreading well graded pit of bed run gravel having a liquid limit not greater than 25 and plasticity index not greater than 6 in proper camber 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 AASHO density (Rate i/c all cost of materials T&P and carriage upto 3 chains)	26925 Cft	3341.71	% Cft	899755/-
30	Providing and laying aggregate base course camber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical menas (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).	43250 Cft	5542.24	% Cft	2397019/-
31	1-1/2" thckse asphalt concrete wearing course plant mix layieng mechanically to proper line and grade plant mixed Asphat concrete specified formula according to job mixed formula approved by the engineer incharge rolling and finishing to design proper grade line level and camber	75000. Sft	6873.79	%.Sft	5155342/-



	etc (Machinery with POLs cost of material carriage)				
32	Providing 1" thick (consolidate) premix carpet in proper camber and grade i/c supplying 10 Cft: standard specification 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 material T & P and carriage up to 3 chains) Using crushed bajri.	96440. Sft	4107.84	%.Sft	3961601/-
33	P/L topping of 2" thick 1:2:4 screened bajri ¾" & d/g in g/f etc complete.	11500.Sft	3275.50	%.Sft	376682/-
34	Painting with enamel paint on masonry walls. 2" & subsequent. coat.	7500.Sft	837.10 (+)584.65 <u>1421.75</u>	%.Sft	106631/-
35	Supplying and fixing of refractories Road studs double face, flush surface type.	374.Nos	596.23	Each	222990/-
36	Payment marking in reflective thermoplastic paint for lines of 6" width.	8750.Rft	41.24	P/Rft	360850/-

**COST OF SCHEDULE ITEM PART (A) Rs. 16,968,890/-**

**(PART-B: ITEM BASED ON NON SCHEDULE ITEM)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	P/F CC kerb block ratio 1:1 1/2:3 size to top 4" base 6" height 18" jointing 1:4 curing finishing 1/c 1:3:6 etc.	4200.Rft	220/-	P/Rft	924000/-
02	P/F CC vatta 1:1 repairing of AC water line i/c excavation dewatering repairing backfilling etc.				
	18" dia	05.Nos	10000/-	Each	50000/-
	12" dia	40.Nos	7000/-	Each	280000/-
	08" dia	02.Nos	5000/-	Each	10000/-
	06" dia	02.Nos	4000/-	Each	8000/-
	04" dia	70.Nos	3000/-	Each	210000/-

**CONTRACTOR SIGNATURE**

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03	Const of block masonry chamber of (inside dimension) with 24"x24" cover & frame weight 10 Kg fix on RCC 1:2 slab 6" thick with steel ½" thick cement plaster 1:6 to all inside wall surface top and bottom slab outside wall surface 1" deep to roof slab including curing dewatering exaction refilling and disposal of surplus earth etc.				
	6x6x6	01.No	55923.00	Each	55923/-
	4x4x4	01.No	28357.00	Each	28357/-
04	For extra depth beyond 4ft add or deduct as per site depth as per estimate for CC chamber	(+) 02 Rft	5000/-	P/Rft	10000/-
05	Roding and cleaning of existing CI/AC pipe i/c excavation cutting CC vatta 1:1 jointing fixing with labeling comite jointing and backfilling dewatering etc.				
	06" dia	500.Rft	30/-	P/Rft	15000/-
	04" dia	2000.Rft	25/-	P/Rft	50000/-
06	Construction of Main hole 1:2:4 in-site dia 5' cleared depth 9" thick wall cast 50% GAB with 21" dia C.I Frame of 15 Kg & channel benching i/c P/F C.I footrest etc complete	100.Nos	14529.29	Each	1452929/-
07	For Extra depth & add/deduct beyond 5 ft	(-)25.Rft	2538.62	Per Rft	(-)63465/-

**COST OF NON SHEDULE ITEM PART (B) Rs.3,030,744/-**

Nomenclature quantities and  
Rates have been checked by us

ASSTT:EX:ENGINEER  
DMC (CENTRAL)

EXECUTIVE ENGINEER  
DMC(CENTRA

**CONTRACTOR SIGNATAURE**

**INSTRUCTION TO BIDDERS**

**Date:** \_\_\_\_\_  
**Bid Reference No.:** \_\_\_\_\_

**INSTRUCTION TO BIDDERS**

1. The bid security shall be forfeited to the DMC(Central), of the bidder withdrawn his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
2. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which his bid will be either rejected or the bid security be forfeited as deemed appropriate by DMC (Central).
3. The successful bidder shall furnish a performance guarantee at the time of agreement in shape of Pay Order equal to 5% of sanction cost. This guarantee will be released after completion of work.
4. An amount equal to 5% from each bill will be deducted as Retention Money, which will be released after successful expiry of maintenance period.
5. Bid validity period of 90 days.
6. The Procuring agency may reject all or any bids or proposals at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rule 2010 (amended 2017)
7. Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8. In case of default by contractors, it shall be liable to forfeiture of Bid Security / Performance Security (Security Deposit) in part or whole if they fail to abide by the terms and conditions as the case may be and their names will be blacklisted.
9. All applicable taxes shall be included in the bid amount by the contractor which will be deducted from the bills.
10. Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
11. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
12. **Eligibility Criteria** The Contractor shall be eligible to participate in the Tender, having Valid PEC up to December 2017 in required category and discipline, NTN Certificate, Valid Professional Tax, Sindh Revenue Board Registration Certificate & Experience in the relevant job.
13. The conditions of contract are available on SPPRA website ([www.pprasindh.govt.pk](http://www.pprasindh.govt.pk)).



Method and procedure of procurement: Single State-One Envelope Procedure (Rule 46(1) of SPP Rule 2010(Amended2017)

### **BIDDERS' ELIGIBILITY/ QUALIFICATION CRITERIA**

Eligibility/ Qualification Criteria:

S. No.	Eligibility / Qualification Criteria
1	Valid PEC in relevant category (where applicable)& relevant field of specialization.
2	NTN Certificate
3	Valid Professional Tax
4	CNIC Copy
5	Registration with Sindh Revenue Board (SRB)
	<b>Qualification Criteria:</b>
1	Minimum three years' experience of relevant field.
2	Turnover of at least last three years.
3	Bid Security, as mentioned in the NIT & Bidding Documents is furnished.
4	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.
5	At least 20 million work done in last two years, work order and completion certificate must be attached.
6	The contractor must mention their complete and correct present postal address in tender documents & quote the rates both in words & in figures. Incomplete / Conditional tenders will be not accepted. In addition, the bidders must furnish the documentary evidence against each eligibility criteria (as mentioned above) as well as minimum qualification criteria as included in the Bidding Documents & Pay order of Bids Security, Otherwise their tender will be summarily rejected without consideration of their bid amount.
7	Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8	Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
9	Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection



**SCHEDULE OF REQUIREMENT**

(Scope of Bid)

**Tender No. ( 02 )/(2016-2017)/D.M.C(Central)**

**IMPROVEMENT REHABILITATION OF INTERNAL ROADS FOOT  
PATH AND C.C FLOORING AT VARIOUS AREAS OF NORTH  
NAZIMABAD ZONE, DMC(CENTRAL)**

- 1) Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas By using items of BOQ in 180 Calendar Days.

NOTE:- Performance Security will be released on satisfactory completion report & after the expiry of maintenance period.

## BIDDING DATA

### Work No: 2 (2016-2017)

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

(a).Name of Procuring Agency District Municipal Corporation-Central

(b).Brief Description of Works

Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of North Nazimabad Zone, DMC(Central)

(c).Procuring Agency's address:- D.M.C (Central) Sharah-e-Ibne Sina, Nazimabad No-2, Karachi.

(d).Estimated Cost:- Rs. 20.00 (Million)

(e).Amount of Bid Security:- Rs. 4,00,000/- (Fill in lump sum amount or in % age of bid amount/estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 90 Days

(g).Performance Security :- 10%  
(in % age of bid amount/estimated cost equal to 10%)

(h).Percentage, if any, to be deducted from bills:- 7.5% Income Tax

(i).Deadline for Submission of Bids along with time:- Dated:- 10-5-2017 At:- 2:00 PM

(j).Venue, Time, and Date of Bid Opening:- Office of the B&R Department, 3<sup>rd</sup> Floor, District Municipal Corporation, Karachi-Central Shahr-e-IbneSina, Nazimabad No-2, Karachi. At:- 3:00 PM Dated:- 10-5-2017

(k).Time for Completion from written order of commence:- 6 months

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Name of Bank \_\_\_\_\_

(n).Bidding Documents issued to: M/s.

CONTRACTOR SIGNATURE

ISSUING AUTHORITY

# STANDARD FORM OF BIDDING DOCUMENTS

FOR

## PROCUREMENT OF WORKS

For Contracts (Small) amounting between Rs. 2.5 Million to Rs. 50.00 Million

**Tender No. ( 02 )/(2016-2017)/D.M.C(Central)**

### BILL OF QUANTITIES

**(SINGLE STAGE ONE ENVELOPE METHOD)**

(Alongwith Bidders Eligibility & Qualification Criteria & Method of Procurement)

### NAME OF WORK

**Improvement Rehabilitation of Internal roads foot path and  
C.C Flooring at various areas of North Nazimabad Zone,  
DMC(Central)**

ESTIMATED COST OF THE PROJECT (IN MILLION)	BID SECURITY OF ESTIMATED COST IN SHAPE OF PAY ORDER (IN RS.)	TENDER COST (IN RS.)
20.00	4,00,000/-	3000/-

CONTRACTOR SIGNATURE

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**OFFICE OF THE DEPUTY COMMISSIONER KARACHI CENTRAL****BILL OF QUANTITIES**

NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and  
C.C Flooring at various areas of North Nazimabad Zone,  
DMC(Central)

**Tender No.( 02 )/ (2016-2017)**

**(PART-A: ITEM BASED ON SCHEDULE RATE)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	Scarify the existing road surface	82500. Sft	116.16	%.Sft	95832/-
02	Dismantling stone melting etc complete	41250. Cft	605/-	%.Cft	249562/-
03	Dismantling CC work 1:2:4 etc. complete	2500.Cft	3327.50	% Cft	83187/-
04	Dismantling cement block machinery etc complete	756.Cft	1134.38	% Cft	8576/-
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CONTRACTOR SIGNATURE

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(b)	directed by E.Incharge providing fence guard light & temporary crossing for non vehicular traffic wherever required lift upto 5' & lead upto one chain. Cutting for extra deep 5' to 8' add for additional lead of every one chain or part thereof in item no. 1 to 15 for excavation for pipe lines & pits.	1250.Cft	4650/- + 550/- 5200/-	% 0.Cft	6500/-
09	Excavation for pipe line in trenches & pits in hard rock by hammering and chiseling i/c trimming & dressing sides to true 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 E. Incharge providing fence guard light flags and temporary crossing for non vehicular traffic wherever required lift upto 5'	1250.Cft	24150/-	% 0Cft	30188/-
10	Hire charges of the pumping set upto 10 Horse power. But not less than 5HP Pumping out water from 15 ft depth trench	13. Days	1500/-	Per Day	19500/-
11	Providing / Laying and fixing in trenched i/c fitting , jointing & testing etc complete in all respect High density polythene pipe (HDPE-100) for w/s confirming to ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 PN-10				
	110 mm 4" dia	500.Rft	268/-	P/Rft	134000/-
	160 mm 6" dia	200.Rft	530/-	P/Rft	106000/-
	200 mm 8" dia	200.Rft	833/-	P/Rft	166600/-
12	Providing and laying UPVC pipe of class B fixing in trench i/c cutting fitting and jointing With solvent cement i/c testing with water to a head of 61 meter or 200 ft				
	06" dia	100.Rft	259/-	P/Rft	25900/-
	04" dia	100.Rft	136/-	P/Rft	13600/-
	03" dia	100.Rft	90/-	P/Rft	9000/-



13	Manf:, Supp: & fixing block steal MS pipe made our MS sheet of 6.4 mm thick from 3" to 18" dia confirming to API 5L grade X-42 spridly welded & externally asphalt coated internally epoxy coated (AWWA specification) i/c laying jointing with straight trenches i/c testing minimum specification pressure for different dia of pipe below;				
	12" dia	10.Rft	4726.00	P/Rft	47260/-
	08" dia	10.Rft	2804.00	P/Rft	28040/-
	06" dia	10.Rft	1984.00	P/Rft	19840/-
	04" dia	10.Rft	1229.00	P/Rft	12290/-
	03" dia	10.Rft	895.00	P/Rft	8950/-
14	Ref-filing excavated stuff in trench 6" layer i/c water ramming to dull compacting etc. complete	36751. Cft	2760/-	%0 Cft	101433/-
15	P/F M.S tail pieces (Dholki) on AC pipe fabrication with 1/4" thick MS plate having dimension & weight as mentioned against each item i/c the cost of labour & caulking 6" wide & flag end 3" wide.				
	12" dia	02.Nos	2997/-	Each	5994/-
	08" dia	02.Nos	2199/-	Each	4398/-
	06" dia	02.Nos	1422/-	Each	2844/-
	04" dia	02.Nos	1098/-	Each	2196/-
	03" dia	02.Nos	931/-	Each	1862/-
16	UPVC fitting tee				
	03" dia	02.Nos	361/-	Each	722/-
	04" dia	02.Nos	725/-	Each	1450/-
	06" dia	02.Nos	1446/-	Each	2892/-
17	UPVC fitting Bends				
	03" dia	02.Nos	475/-	Each	950/-
	04" dia	02.Nos	850/-	Each	1700/-
	06" dia	01.No	2500/-	Each	2500/-
18(a)	Tees (Equal)				
	6x6x6	02.Nos	1950/-	Each	3900/-
	4x4x4	02.Nos	1375/-	Each	2750/-

(b)	Tees (Un-equal)				
	12x6	02.Nos	4937.50	Each	9875/-
	12x4	02.Nos	3812.50	Each	7625/-
	6x4	02.Nos	1375.00	Each	2750/-
19	Cast iron special for AC pipe (Standard wt for "B" class) band.				
	08" dia	02.Nos	4330/-	Each	8660/-
	06" dia	02.Nos	2435/-	Each	4870/-
	04" dia	02.Nos	1082/-	Each	2164/-
	03" dia	02.Nos	609/-	Each	1218/-
20	Providing CI sluice valve heavy pattern (test pressure 21.0 kg/sq:cm or 300 lb/sq:inch) imported				
	12" dia	02.Nos	78000/-	Each	156000/-
	08" dia	01.No	17940/-	Each	17940/-
	06" dia	01.No	9360/-	Each	9360/-
	04" dia	02.Nos	5460/-	Each	10920/-
	03" dia	01.No	4290/-	Each	4290/-
21	Fixing of sluice valve with 2 cast iron tail pieces of one flanged & other with socket i/c the cost of nuts, bolts & rubber packing labour etc complete.				
	12" dia	02.Nos	3821.00	Each	7642/-
	08" dia	01.No	2790.00	Each	2790/-
	06" dia	01.No	1886.00	Each	1886/-
	04" dia	02.Nos	1532.00	Each	3064/-
	03" dia	01.No	1254.00	Each	1254/-
22	Providing & fixing Split collar 9" wide on A.C pipe fabricated with ¼" thick M.S plate weighting as mentioned against each item. It include the cost of 4 Nos. ¼" thick flanges, nuts & bolts, rubber packing, labour and sealing material etc complete				
	03" dia	01.No	1695/-	Each	1695/-
	04" dia	01.No	1835/-	Each	1835/-
	06" dia	01.No	2129/-	Each	2129/-
	12" dia	01.No	2510/-	Each	2510/-
23	Providing laying RCC pipes with (Rubber ring jointed fitting in trenched i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure				
	8" dia	1000.Rft	206.00	P/Rft	206000/-
	12" dia	1000.Rft	367.00	P/Rft	367000/-



24	Making connection with the existing manholes i/c the cost of cutting holes in walls making them good in cement concrete 1:2:4 and making the required channel etc	30.Nos	180/-	Each	5400/-
25	Man: & Supplying of RCC 21" dia frame slab 5" thick width ambadded 15 kg cost iron frame this 1:5:3 cone i/c maximum placing compact curing complete refreshing reinforced consisit of two 3/8" dia etc.	10.Nos	1906.60	Each	19066/-
26	Shifting of RCC ring slab of to the side & fixing in perfect position on damage main holes in proper shape of ring size 2" thick C: mortor & dispose off deliveries.	10.Nos	563.09	Each	5631/-
27	P/F RCC manholes cover 1:2:4 concrete (50% g/bajri 50% crush) 3" deep at C:reinforced with 1/2" thick MS bar @ 4" CC welded to a 3/16" thick 2.5 deep MS flat two hocks of 3/8" dia bars i/c compacting curing transportation with 10 miles.	100.Nos	913.63	Each	91363/-
28	Cleaning inside sewerage line complete restoring original silt free space/diameter of pipe line by labor and equipments (Mechanically/electrically driven i/c accessories like pulleys steels rob bucket and draggers sizing from 6" to 18" dia their to and from pulling action (no of passes shall be as many as require) would be taken in two phases first phase entire length from downstream to upstream brining down from peak hours sewerage to flow inside pipeline as free flow and in second phase from upstream to downstream of entire length ensuring no silt observed in bucket (6" dia to 18" dia) Except only sewereage water and finally passing a steel wall of dia 12" lesser that the diameter of pipe but not exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning the job i/c all the higher cost of equipment and accessory of above winching machine devices along with				



	engines with winching drum set having steel rob pulley mountain over it steel bucket from 6" to 18" dia hook and other protection like barrier traffic sign trafficions ensuring no damage pipe to along with ensuring safety to labor and other public property/lives and removal of silt/solid during delisting and clearance of site etc completed as per full satisfaction of site Incharge				
	12" dia	1000.Rft	80.50	P/Rft	80500/-
	15" dia	500.Rft	96.60	P/Rft	48300/-
	18" dia	4000.Rft	128.80	P/Rft	515200/-
29	Preparing Sub-Base by supplying and spreading well graded pit of bed run gravel having a liquid limit not greater than 25 and plasticity index not greater than 6 in proper camber 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 AASHO density (Rate i/c all cost of materials T&P and carriage upto 3 chains)	26925 Cft	3341.71	% Cft	899755/-
30	Providing and laying aggregate base course camber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical menas (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).	43250 Cft	5542.24	% Cft	2397019/-
31	1-1/2" thckse asphalt concrete wearing course plant mix layieng mechanically to proper line and grade plant mixed Asphat concrete specified formula according to job mixed formula approved by the engineer incharge rolling and finishing to design proper grade line level and camber	75000. Sft	6873.79	%.Sft	5155342/-

	etc (Machinery with POLs cost of material carriage)				
32	Providing 1" thick (consolidate) premix carpet in proper camber and grade i/c supplying 10 Cft: standard specification 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 material T & P and carriage up to 3 chains) Using crushed bajri.	96440. Sft	4107.84	%.Sft	3961601/-
33	P/L topping of 2" thick 1:2:4 screened bajri ¾" & d/g in g/f etc complete.	11500.Sft	3275.50	%.Sft	376682/-
34	Painting with enamel paint on masonry walls. 2" & subsequent. coat.	7500.Sft	837.10 (+)584.65 <u>1421.75</u>	%.Sft	106631/-
35	Supplying and fixing of refractories Road studs double face, flush surface type.	374.Nos	596.23	Each	222990/-
36	Payment marking in reflective thermoplastic paint for lines of 6" width.	8750.Rft	41.24	P/Rft	360850/-

**COST OF SCHEDULE ITEM PART (A) Rs. 16,968,890/-**

**(PART-B: ITEM BASED ON NON SCHEDULE ITEM)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	P/F CC kerb block ratio 1:1 1/2:3 size to top 4" base 6" height 18" jointing 1:4 curing finishing 1/c 1:3:6 etc.	4200.Rft	220/-	P/Rft	924000/-
02	P/F CC vatta 1:1 repairing of AC water line i/c excavation dewatering repairing backfilling etc.				
	18" dia	05.Nos	10000/-	Each	50000/-
	12" dia	40.Nos	7000/-	Each	280000/-
	08" dia	02.Nos	5000/-	Each	10000/-
	06" dia	02.Nos	4000/-	Each	8000/-
	04" dia	70.Nos	3000/-	Each	210000/-
03	Const of block masonry chamber of (inside dimension) with 24"x24" cover &				

**CONTRACTOR SIGNATURE**

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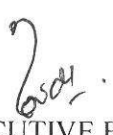


	frame weight 10 Kg fix on RCC 1:2 slab 6" thick with steel ½" thick cement plaster 1:6 to all inside wall surface top and bottom slab outside wall surface 1" deep to roof slab including curing dewatering exaction refilling and disposal of surplus earth etc.				
	6x6x6	01.No	55923.00	Each	55923/-
	4x4x4	01.No	28357.00	Each	28357/-
04	For extra depth beyond 4ft add or deduct as per site depth as per estimate for CC chamber	(+) 02 Rft	5000/-	P/Rft	10000/-
05	Roding and cleaning of existing CI/AC pipe i/c excavation cutting CC vatta 1:1 jointing fixing with labeling comite jointing and backfilling dewatering etc.				
	06" dia	500.Rft	30/-	P/Rft	15000/-
	04" dia	2000.Rft	25/-	P/Rft	50000/-
06	Construction of Main hole 1:2:4 in-site dia 5' cleared depth 9" thick wall cast 50% GAB with 21" dia C.I Frame of 15 Kg & channel benching i/c P/F C.I footrest etc complete	100.Nos	14529.29	Each	1452929/-
07	For Extra depth & add/deduct beyond 5 ft	(-)25.Rft	2538.62	Per Rft	(-)63465/-

**COST OF NON SHEDULE ITEM PART (B) Rs.3,030,744/-**

Nomenclature quantities and  
Rates have been checked by us

  
ASSTT:EX:ENGINEER  
DMC (CENTRAL)

  
EXECUTIVE ENGINEER  
DMC(CENTRAL)

**CONTRACTOR SIGNATAURE**



NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of North Nazimabad Zone, DMC(Central)

**Tender No.( 02 )/ (2016-2017)**

**QUOTED BID SUMMERY**

I/We hereby quoted as follows.

		In Figures	In Words
1.	PART-A (Item Based on S/R) amounting Rs. <b>16,968,890/-</b> _____%Above/Below of the S/R	Rs. _____	
2	PART-B (Item Based on Non Schedule Item) amounting Rs. <b>3,030,744/-</b> _____%Above/Below of the Non Schedule Item	Rs. _____	
3	<b>GRAND TOTAL (A)+(B)</b>	Rs. _____	

**NOTE:**

- Tender must be quoted in figure & in work both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- I / We read the Standard Bidding Documents available in SPPRA website ([www.pprasinidh.govt.pk](http://www.pprasinidh.govt.pk)) and agreed to abide all of them and also provide all these documents with our signatures as & when directed.

I/We have attached a Bid Security as per NIT in Shape of Pay Order No. \_\_\_\_\_

Dated: \_\_\_\_\_ amounting Rs. \_\_\_\_\_ issued from \_\_\_\_\_

\_\_\_\_\_ In favor of D.M.C (Central);

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

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

\_\_\_\_\_

**CONTRACTOR SIGNATURE**

**INSTRUCTION TO BIDDERS**

**Date:** \_\_\_\_\_  
**Bid Reference No.:** \_\_\_\_\_

**INSTRUCTION TO BIDDERS**

1. The bid security shall be forfeited to the DMC(Central), of the bidder withdrawn his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
2. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which his bid will be either rejected or the bid security be forfeited as deemed appropriate by DMC (Central).
3. The successful bidder shall furnish a performance guarantee at the time of agreement in shape of Pay Order equal to 5% of sanction cost. This guarantee will be released after completion of work.
4. An amount equal to 5% from each bill will be deducted as Retention Money, which will be released after successful expiry of maintenance period.
5. Bid validity period of 90 days.
6. The Procuring agency may reject all or any bids or proposals at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rule 2010 (amended 2017)
7. Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8. In case of default by contractors, it shall be liable to forfeiture of Bid Security / Performance Security (Security Deposit) in part or whole if they fail to abide by the terms and conditions as the case may be and their names will be blacklisted.
9. All applicable taxes shall be included in the bid amount by the contractor which will be deducted from the bills.
10. Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
11. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
12. **Eligibility Criteria** The Contractor shall be eligible to participate in the Tender, having Valid PEC up to December 2017 in required category and discipline, NTN Certificate, Valid Professional Tax, Sindh Revenue Board Registration Certificate & Experience in the relevant job.
13. The conditions of contract are available on SPPRA website ([www.pprasindh.govt.pk](http://www.pprasindh.govt.pk)).

**Method and procedure of procurement:** Single State-One Envelope Procedure (Rule 46(1) of SPP Rule 2010(Amended2017)

**BIDDERS' ELIGIBILITY/ QUALIFICATION CRITERIA**

Eligibility/ Qualification Criteria:

S. No.	Eligibility / Qualification Criteria
1	Valid PEC in relevant category (where applicable)& relevant field of specialization.
2	NTN Certificate
3	Valid Professional Tax
4	CNIC Copy
5	Registration with Sindh Revenue Board (SRB)
	<b>Qualification Criteria:</b>
1	Minimum three years' experience of relevant field.
2	Turnover of at least last three years.
3	Bid Security, as mentioned in the NIT & Bidding Documents is furnished.
4	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.
5	At least 20 million work done in last two years, work order and completion certificate must be attached.
6	The contractor must mention their complete and correct present postal address in tender documents & quote the rates both in words & in figures. Incomplete / Conditional tenders will be not accepted. In addition, the bidders must furnish the documentary evidence against each eligibility criteria (as mentioned above) as well as minimum qualification criteria as included in the Bidding Documents & Pay order of Bids Security, Otherwise their tender will be summarily rejected without consideration of their bid amount.
7	Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8	Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
9	Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection



**SCHEDULE OF REQUIREMENT**

(Scope of Bid)

**Tender No. ( 01 )/(2016-2017)/D.M.C(Central)**

**IMPROVEMENT REHABILITATION OF INTERNAL ROADS FOOT  
PATH AND C.C FLOORING AT VARIOUS AREAS OF NEW KARACHI,  
NEW KARACHI ZONE, DMC(CENTRAL)**

- 1) Improvement Rehabilitation of Internal roads foot path and C.C  
Flooring at various areas By using items of BOQ in 180  
Calendar Days.

**NOTE:-** Performance Security will be released on  
satisfactory completion report & after the expiry of  
maintenance period.

## BIDDING DATA

### Work No: 1 (2016-2017)

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

(a).Name of Procuring Agency District Municipal Corporation-Central

(b).Brief Description of Works

Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of New Karachi, New Karachi Zone, DMC(Central)

(c).Procuring Agency's address:- D.M.C (Centtral) Sharah-e-Ibne Sina, Nazimabad No-2, Karachi.

(d).Estimated Cost:- Rs. 20.00 (Million)

(e).Amount of Bid Security:- Rs. 4,00,000/- (Fill in lump sum amount or in % age of bid amount/estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 90 Days

(g).Performance Security :- 10%  
(in % age of bid amount/estimated cost equal to 10%)

(h).Percentage, if any, to be deducted from bills:- 7.5% Income Tax

(i).Deadline for Submission of Bids along with time:- Dated:- 10-5-2017 At:- 2:00 PM

(j).Venue, Time, and Date of Bid Opening:- Office of the B&R Department, 3<sup>rd</sup> Floor, District Municipal Corporation, Karachi-Central Shahrah-e-IbneSina, Nazimabad No-2, Karachi. At:- 3:00 PM Dated:- 10-5-2017

(k).Time for Completion from written order of commence:- 6 months

(l).Liquidity damages:- 0.10% 0.05 of Estimated Cost of Bid cost per day of delay, but total not exceeding 10%.

(m).Tender Cost Receipt Pay Order No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Name of Bank \_\_\_\_\_

(n).Bidding Documents issued to: M/s.

CONTRACTOR SIGNATURE

ISSUING AUTHORITY

# STANDARD FORM OF BIDDING DOCUMENTS

FOR

## PROCUREMENT OF WORKS

For Contracts (Small) amounting between Rs. 2.5 Million to Rs. 50.00 Million

**Tender No. ( 01 )/(2016-2017)/D.M.C(Central)**

### BILL OF QUANTITIES

### (SINGLE STAGE ONE ENVELOPE METHOD)

(Alongwith Bidders Eligibility & Qualification Criteria & Method of Procurement)

### NAME OF WORK

**Improvement Rehabilitation of Internal roads foot path and  
C.C Flooring at various areas of New Karachi, New Karachi  
Zone, DMC(Central)**

ESTIMATED COST OF THE PROJECT (IN MILLION)	BID SECURITY OF ESTIMATED COST IN SHAPE OF PAY ORDER (IN RS.)	TENDER COST (IN RS.)
20.00	4,00,000/-	3000/-

CONTRACTOR SIGNATURE

Page 1 of 10



**OFFICE OF THE DEPUTY COMMISSIONER KARACHI CENTRAL****BILL OF QUANTITIES**

NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of New Karachi, New Karachi Zone, DMC(Central)

**Tender No.( 01 )/ (2016-2017)**

**(PART-A: ITEM BASED ON SCHEDULE RATE)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	Scarify the existing road surface	82500. Sft	116.16	%.Sft	95832/-
02	Dismantling stone melting etc complete	41250. Cft	605/-	%.Cft	249562/-
03	Dismantling CC work 1:2:4 etc. complete	2500.Cft	3327.50	% Cft	83187/-
04	Dismantling cement block machinery etc complete	756.Cft	1134.38	% Cft	8576/-
05	Earth work excavation of road side nalies i/c forming its banks or putting the same on embankment etc.	5175.Cft	1437/-	%0 Cft	7436/-
06	Excavation in foundation of building bridges and other structure including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead up to 5ft	2500.Cft	3176.25	%0 Cft	7941/-
07	Cartage of 100 cft/5 tones of all materials like 5' one aggregate spawl, coal, lime, surki, etc. (lead of 7 miles)	62881. Cft	804.52	% Cft	505890/-
08 (a)	Excavation for pipe line in trenches & pits in all kind of soil of murmur i/c trimming & dressing sides to true alignment & shape leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within one chain as	36000. Cft	4650/-	% 0.Cft	167400/-

(b)	directed by E.Incharge providing fence guard light & temporary crossing for non vehicular traffic wherever required lift upto 5' & lead upto one chain. Cutting for extra deep 5' to 8' add for additional lead of every one chain or part thereof in item no. 1 to 15 for excavation for pipe lines & pits.	1250.Cft	4650/- + 550/- 5200/-	% 0.Cft	6500/-
09	Excavation for pipe line in trenches & pits in hard rock by hammering and chiseling i/c trimming & dressing sides to true 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 E. Incharge providing fence guard light flags and temporary crossing for non vehicular traffic wherever required lift upto 5'	1250.Cft	24150/-	% 0Cft	30188/-
10	Hire charges of the pumping set upto 10 Horse power. But not less than 5HP Pumping out water from 15 ft depth trench	13. Days	1500/-	Per Day	19500/-
11	Providing / Laying and fixing in trenched i/c fitting , jointing & testing etc complete in all respect High density polythene pipe (HDPE-100) for w/s confirming to ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 PN-10				
	110 mm 4" dia	500.Rft	268/-	P/Rft	134000/-
	160 mm 6" dia	200.Rft	530/-	P/Rft	106000/-
	200 mm 8" dia	200.Rft	833/-	P/Rft	166600/-
12	Providing and laying UPVC pipe of class B fixing in trench i/c cutting fitting and jointing With solvent cement i/c testing with water to a head of 61 meter or 200 ft				
	06" dia	100.Rft	259/-	P/Rft	25900/-
	04" dia	100.Rft	136/-	P/Rft	13600/-
	03" dia	100.Rft	90/-	P/Rft	9000/-



13	Manf., Supp: & fixing block steal MS pipe made our MS sheet of 6.4 mm thick from 3" to 18" dia confirming to API 5L grade X-42 spridly welded & externally asphalt coated internally epoxy coated (AWWA specification) i/c laying jointing with straight trenches i/c testing minimum specification pressure for different dia of pipe below;				
	12" dia	10.Rft	4726.00	P/Rft	47260/-
	08" dia	10.Rft	2804.00	P/Rft	28040/-
	06" dia	10.Rft	1984.00	P/Rft	19840/-
	04" dia	10.Rft	1229.00	P/Rft	12290/-
	03" dia	10.Rft	895.00	P/Rft	8950/-
14	Ref-filing excavated stuff in trench 6" layer i/c water ramming to dull compacting etc. complete	36751. Cft	2760/-	%0 Cft	101433/-
15	P/F M.S tail pieces (Dholki) on AC pipe fabrication with 1/4" thick MS plate having dimension & weight as mentioned against each item i/c the cost of labour & caulking 6" wide & flag end 3" wide.				
	12" dia	02.Nos	2997/-	Each	5994/-
	08" dia	02.Nos	2199/-	Each	4398/-
	06" dia	02.Nos	1422/-	Each	2844/-
	04" dia	02.Nos	1098/-	Each	2196/-
	03" dia	02.Nos	931/-	Each	1862/-
16	UPVC fitting tee				
	03" dia	02.Nos	361/-	Each	722/-
	04" dia	02.Nos	725/-	Each	1450/-
	06" dia	02.Nos	1446/-	Each	2892/-
17	UPVC fitting Bends				
	03" dia	02.Nos	475/-	Each	950/-
	04" dia	02.Nos	850/-	Each	1700/-
	06" dia	01.No	2500/-	Each	2500/-
18(a)	Tees (Equal)				
	6x6x6	02.Nos	1950/-	Each	3900/-
	4x4x4	02.Nos	1375/-	Each	2750/-

(b)	Tees (Un-equal)				
	12x6	02.Nos	4937.50	Each	9875/-
	12x4	02.Nos	3812.50	Each	7625/-
	6x4	02.Nos	1375.00	Each	2750/-
19	Cast iron special for AC pipe (Standard wt for "B" class) band.				
	08" dia	02.Nos	4330/-	Each	8660/-
	06" dia	02.Nos	2435/-	Each	4870/-
	04" dia	02.Nos	1082/-	Each	2164/-
	03" dia	02.Nos	609/-	Each	1218/-
20	Providing CI sluice valve heavy pattern (test pressure 21.0 kg/sq:cm or 300 lb/sq:inch) imported				
	12" dia	02.Nos	78000/-	Each	156000/-
	08" dia	01.No	17940/-	Each	17940/-
	06" dia	01.No	9360/-	Each	9360/-
	04" dia	02.Nos	5460/-	Each	10920/-
	03" dia	01.No	4290/-	Each	4290/-
21	Fixing of sluice valve with 2 cast iron tail pieces of one flanged & other with socket i/c the cost of nuts, bolts & rubber packing labour etc complete.				
	12" dia	02.Nos	3821.00	Each	7642/-
	08" dia	01.No	2790.00	Each	2790/-
	06" dia	01.No	1886.00	Each	1886/-
	04" dia	02.Nos	1532.00	Each	3064/-
	03" dia	01.No	1254.00	Each	1254/-
22	Providing & fixing Split collar 9" wide on A.C pipe fabricated with ¼" thick M.S plate weighting as mentioned against each item. It include the cost of 4 Nos. ¼" thick flanges, nuts & bolts, rubber packing, labour and sealing material etc complete				
	03" dia	01.No	1695/-	Each	1695/-
	04" dia	01.No	1835/-	Each	1835/-
	06" dia	01.No	2129/-	Each	2129/-
	12" dia	01.No	2510/-	Each	2510/-
23	Providing laying RCC pipes with (Rubber ring jointed fitting in trenched i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure				
	8" dia	1000.Rft	206.00	P/Rft	206000/-
	12" dia	1000.Rft	367.00	P/Rft	367000/-



24	Making connection with the existing manholes i/c the cost of cutting holes in walls making them good in cement concrete 1:2:4 and making the required channel etc	30.Nos	180/-	Each	5400/-
25	Man: & Supplying of RCC 21" dia frame slab 5" thick width ambadded 15 kg cost iron frame this 1:5:3 cone i/c maximum placing compact curing complete refreshing reinforced consisit of two 3/8" dia etc.	10.Nos	1906.60	Each	19066/-
26	Shifting of RCC ring slab of to the side & fixing in perfect position on damage main holes in proper shape of ring size 2" thick C: mortor & dispose off deliveries.	10.Nos	563.09	Each	5631/-
27	P/F RCC manholes cover 1:2:4 concrete (50% g/bajri 50% crush) 3" deep at C:reinforced with 1/2" thick MS bar @ 4" CC welded to a 3/16" thick 2.5 deep MS flat two hocks of 3/8" dia bars i/c compacting curing transportation with 10 miles.	100.Nos	913.63	Each	91363/-
28	Cleaning inside sewerage line complete restoring original silt free space/diameter of pipe line by labor and equipments (Mechanically/electrically driven i/c accessories like pulleys steels rob bucket and draggers sizing from 6" to 18" dia their to and from pulling action (no of passes shall be as many as require) would be taken in two phases first phase entire length from downstream to upstream brining down from peak hours sewerage to flow inside pipeline as free flow and in second phase from upstream to downstream of entire length ensuring no silt observed in bucket (6" dia to 18" dia) Except only sewereage water and finally passing a steel wall of dia 12" lesser that the diameter of pipe but not exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning the job i/c all the higher cost of equipment and accessory of above winching machine devices along with				

	engines with winching drum set having steel rob pulley mountain over it steel bucket from 6" to 18" dia hook and other protection like barrier traffic sign trafficions ensuring no damage pipe to along with ensuring safety to labor and other public property/lives and removal of silt/solid during delisting and clearance of site etc completed as per full satisfaction of site Incharge				
	12" dia	1000.Rft	80.50	P/Rft	80500/-
	15" dia	500.Rft	96.60	P/Rft	48300/-
	18" dia	4000.Rft	128.80	P/Rft	515200/-
29	Preparing Sub-Base by supplying and spreading well graded pit of bed run gravel having a liquid limit not greater than 25 and plasticity index not greater than 6 in proper camber 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 AASHO density (Rate i/c all cost of materials T&P and carriage upto 3 chains)	26925 Cft	3341.71	% Cft	899755/-
30	Providing and laying aggregate base course camber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical menas (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).	43250 Cft	5542.24	% Cft	2397019/-
31	1-1/2" thckse asphalt concrete wearing course plant mix layieng mechanically to proper line and grade plant mixed Asphat concrete specified formula according to job mixed formula approved by the engineer incharge rolling and finishing to design proper grade line level and camber	75000. Sft	6873.79	%.Sft	5155342/-



	etc (Machinery with POLs cost of material carriage)				
32	Providing 1" thick (consolidate) premix carpet in proper camber and grade i/c supplying 10 Cft: standard specification 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 material T & P and carriage up to 3 chains) Using crushed bajri.	96440. Sft	4107.84	%.Sft	3961601/-
33	P/L topping of 2" thick 1:2:4 screened bajri ¾" & d/g in g/f etc complete.	11500.Sft	3275.50	%.Sft	376682/-
34	Painting with enamel paint on masonry walls. 2" & subsequent. coat.	7500.Sft	837.10 (+)584.65 <u>1421.75</u>	%.Sft	106631/-
35	Supplying and fixing of refractories Road studs double face, flush surface type.	374.Nos	596.23	Each	222990/-
36	Payment marking in reflective thermoplastic paint for lines of 6" width.	8750.Rft	41.24	P/Rft	360850/-

**COST OF SCHEDULE ITEM PART (A) Rs. 16,968,890/-**

### (PART-B: ITEM BASED ON NON SCHEDULE ITEM)

S. No.	Description of Work	Qty	Rate	Per	Amount
01	P/F CC kerb block ratio 1:1 1/2:3 size to top 4" base 6" height 18" jointing 1:4 curing finishing 1/c 1:3:6 etc.	4200.Rft	220/-	P/Rft	924000/-
02	P/F CC vatta 1:1 repairing of AC water line i/c excavation dewatering repairing backfilling etc.				
	18" dia	05.Nos	10000/-	Each	50000/-
	12" dia	40.Nos	7000/-	Each	280000/-
	08" dia	02.Nos	5000/-	Each	10000/-
	06" dia	02.Nos	4000/-	Each	8000/-
	04" dia	70.Nos	3000/-	Each	210000/-
03	Const of block masonry chamber of (inside dimension) with 24"x24" cover &				

**CONTRACTOR SIGNATURE**

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	frame weight 10 Kg fix on RCC 1:2 slab 6" thick with steel ½" thick cement plaster 1:6 to all inside wall surface top and bottom slab outside wall surface 1" deep to roof slab including curing dewatering exaction refilling and disposal of surplus earth etc.				
	6x6x6	01.No	55923.00	Each	55923/-
	4x4x4	01.No	28357.00	Each	28357/-
04	For extra depth beyond 4ft add or deduct as per site depth as per estimate for CC chamber	(+) 02 Rft	5000/-	P/Rft	10000/-
05	Roding and cleaning of existing CI/AC pipe i/c excavation cutting CC vatta 1:1 jointing fixing with labeling comite jointing and backfilling dewatering etc.				
	06" dia	500.Rft	30/-	P/Rft	15000/-
	04" dia	2000.Rft	25/-	P/Rft	50000/-
06	Construction of Main hole 1:2:4 in-site dia 5' cleared depth 9" thick wall cast 50% GAB with 21" dia C.I Frame of 15 Kg & channel benching i/c P/F C.I footrest etc complete	100.Nos	14529.29	Each	1452929/-
07	For Extra depth & add/deduct beyond 5 ft	(-)25.Rft	2538.62	Per Rft	(-)63465/-

**COST OF NON SHEDULE ITEM PART (B) Rs.3,030,744/-**

Nomenclature quantities and Rates have been checked by us

ASSTT:EX:ENGINEER  
DMC (CENTRAL)

EXECUTIVE ENGINEER  
DMC(CENTRAL)

**CONTRACTOR SIGNATAURE**

NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of New Karachi, New Karachi Zone, DMC(Central)

**Tender No.( 01 )/ (2016-2017)**

**QUOTED BID SUMMERY**

I/We hereby quoted as follows.

		In Figures	In Words
1.	PART-A (Item Based on S/R) amounting Rs. <b>16,968,890/-</b> _____%Above/Below of the S/R	Rs. _____	
2	PART-B (Item Based on Non Schedule Item) amounting Rs. <b>3,030,744/-</b> _____%Above/Below of the Non Schedule Item	Rs. _____	
3	<b>GRAND TOTAL (A)+(B)</b>	Rs. _____	

**NOTE:**

- Tender must be quoted in figure & in work both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- I / We read the Standard Bidding Documents available in SPPRA website ([www.pprasinhd.govt.pk](http://www.pprasinhd.govt.pk)) and agreed to abide all of them and also provide all these documents with our signatures as & when directed.

I/We have attached a Bid Security as per NIT in Shape of Pay Order No. \_\_\_\_\_

Dated: \_\_\_\_\_ amounting Rs. \_\_\_\_\_ issued from \_\_\_\_\_

\_\_\_\_\_ In favor of D.M.C (Central);

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

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

\_\_\_\_\_

**CONTRACTOR SIGNATURE**

**INSTRUCTION TO BIDDERS**

**Date:** \_\_\_\_\_  
**Bid Reference No.:** \_\_\_\_\_

**INSTRUCTION TO BIDDERS**

1. The bid security shall be forfeited to the DMC(Central), of the bidder withdrawn his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
2. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which his bid will be either rejected or the bid security be forfeited as deemed appropriate by DMC (Central).
3. The successful bidder shall furnish a performance guarantee at the time of agreement in shape of Pay Order equal to 5% of sanction cost. This guarantee will be released after completion of work.
4. An amount equal to 5% from each bill will be deducted as Retention Money, which will be released after successful expiry of maintenance period.
5. Bid validity period of 90 days.
6. The Procuring agency may reject all or any bids or proposals at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rule 2010 (amended 2017)
7. Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8. In case of default by contractors, it shall be liable to forfeiture of Bid Security / Performance Security (Security Deposit) in part or whole if they fail to abide by the terms and conditions as the case may be and their names will be blacklisted.
9. All applicable taxes shall be included in the bid amount by the contractor which will be deducted from the bills.
10. Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
11. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
12. **Eligibility Criteria** The Contractor shall be eligible to participate in the Tender, having Valid PEC up to December 2017 in required category and discipline, NTN Certificate, Valid Professional Tax, Sindh Revenue Board Registration Certificate & Experience in the relevant job.
13. The conditions of contract are available on SPPRA website ([www.pprasindh.govt.pk](http://www.pprasindh.govt.pk)).



Method and procedure of procurement: Single State-One Envelope Procedure (Rule 46(1) of SPP Rule 2010(Amended2017)

### **BIDDERS' ELIGIBILITY/ QUALIFICATION CRITERIA**

Eligibility/ Qualification Criteria:

S. No.	Eligibility / Qualification Criteria
1	Valid PEC in relevant category (where applicable)& relevant field of specialization.
2	NTN Certificate
3	Valid Professional Tax
4	CNIC Copy
5	Registration with Sindh Revenue Board (SRB)
	<b>Qualification Criteria:</b>
1	Minimum three years' experience of relevant field.
2	Turnover of at least last three years.
3	Bid Security, as mentioned in the NIT & Bidding Documents is furnished.
4	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.
5	At least 20 million work done in last two years, work order and completion certificate must be attached.
6	The contractor must mention their complete and correct present postal address in tender documents & quote the rates both in words & in figures. Incomplete / Conditional tenders will be not accepted. In addition, the bidders must furnish the documentary evidence against each eligibility criteria (as mentioned above) as well as minimum qualification criteria as included in the Bidding Documents & Pay order of Bids Security, Otherwise their tender will be summarily rejected without consideration of their bid amount.
7	Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8	Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
9	Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection

## SCHEDULE OF REQUIREMENT

(Scope of Bid)

**Tender No. ( 04 )/(2016-2017)/D.M.C(Central)**

IMPROVEMENT/ REHABILITATION OF ROAD C.C FLOORING /  
REPLACE OF WATER & SEWERAGE LINES AT VARIOUS PLACES  
OF LIAQUATABAD ZONE, DMC(CENTRAL)

- 1) I Improvement/ Rehabilitation of Road C.C Flooring / Replace of water & sewerage lines at various places By using items of BOQ in 180 Calendar Days.

NOTE:- Performance Security will be released on satisfactory completion report & after the expiry of maintenance period.

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## BIDDING DATA

### Work No: 4 (2016-2017)

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

(a).Name of Procuring Agency

District Municipal Corporation-Central

(b).Brief Description of Works

Improvement/ Rehabilitation of Road C.C Flooring /  
Replace of water & sewerage lines at various places  
of Liaquatabad Zone, DMC(Central)

(c).Procuring Agency's address:-

D.M.C (Centtral) Sharah-e-Ibne Sina, Nazimabad No-2, Karachi.

(d).Estimated Cost:-

Rs. 20.00 (Million)

(e).Amount of Bid Security:-

Rs. 4,00,000/- (Fill in lump sum amount or in % age of bid  
amount/estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):-

90 Days

(g).Performance Security :-

10%

(in % age of bid amount/estimated cost equal to 10%)

(h).Percentage, if any, to be deducted from bills:- 7.5% Income Tax

(i).Deadline for Submission of Bids along with time:- Dated:- 10-5-2017 At:- 2:00 PM

(j).Venue, Time, and Date of Bid Opening:- Office of the B&R Department, 3<sup>rd</sup> Floor, District Municipal Corporation, Karachi-Central Shahr-e-IbneSina, Nazimabad No-2, Karachi. At:- 3:00 PM Dated:- 10-5-2017

(k).Time for Completion from written order of commence:- 6 months

(l).Liquidity damages:- 0.10% 0.05 of Estimated Cost of Bid cost per day of delay, but total  
not exceeding 10%).

(m).Tender Cost Receipt Pay Order No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Name of Bank \_\_\_\_\_

(n).Bidding Documents issued to: M/s.

CONTRACTOR SIGNATURE

ISSUING AUTHORITY



# STANDARD FORM OF BIDDING DOCUMENTS

FOR

## PROCUREMENT OF WORKS

For Contracts (Small) amounting between Rs. 2.5 Million to Rs. 50.00 Million

**Tender No. ( 04 )/(2016-2017)/D.M.C(Central)**

### BILL OF QUANTITIES

### (SINGLE STAGE ONE ENVELOPE METHOD)

(Alongwith Bidders Eligibility & Qualification Criteria & Method of Procurement)

### NAME OF WORK

**Improvement/ Rehabilitation of Road C.C Flooring / Replace  
of water & sewerage lines at various places of Liaquatabad  
Zone, DMC(Central)**

ESTIMATED COST OF THE PROJECT (IN MILLION)	BID SECURITY OF ESTIMATED COST IN SHAPE OF PAY ORDER (IN RS.)	TENDER COST (IN RS.)
20.00	4,00,000/-	3000/-

CONTRACTOR SIGNATAURE

Page 1 of 10

**OFFICE OF THE DEPUTY COMMISSIONER KARACHI CENTRAL****BILL OF QUANTITIES**

NAME OF WORK:- Improvement/ Rehabilitation of Road C.C Flooring / Replace of water & sewerage lines at various places of Liaquatabad Zone, DMC(Central)

**Tender No.( 04 )/ (2016-2017)**

**(PART-A: ITEM BASED ON SCHEDULE RATE)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	Scarify the existing road surface	82500. Sft	116.16	%.Sft	95832/-
02	Dismantling stone melting etc complete	41250. Cft	605/-	%.Cft	249562/-
03	Dismantling CC work 1:2:4 etc. complete	2500.Cft	3327.50	% Cft	83187/-
04	Dismantling cement block machinery etc complete	756.Cft	1134.38	% Cft	8576/-
05	Earth work excavation of road side nalies i/c forming its banks or putting the same on embankment etc.	5175.Cft	1437/-	%0 Cft	7436/-
06	Excavation in foundation of building bridges and other structure including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead up to 5ft	2500.Cft	3176.25	%0 Cft	7941/-
07	Cartage of 100 cft/5 tones of all materials like 5' one aggregate spawl, coal, lime, surki, etc. (lead of 7 miles)	62881. Cft	804.52	% Cft	505890/-
08 (a)	Excavation for pipe line in trenches & pits in all kind of soil of murmur i/c trimming & dressing sides to true alignment & shape leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within one chain as	36000. Cft	4650/-	% 0.Cft	167400/-



(b)	directed by E.Incharge providing fence guard light & temporary crossing for non vehicular traffic wherever required lift upto 5' & lead upto one chain. Cutting for extra deep 5' to 8' add for additional lead of every one chain or part thereof in item no. 1 to 15 for excavation for pipe lines & pits.	1250.Cft	4650/- + 550/- 5200/-	% 0.Cft	6500/-
09	Excavation for pipe line in trenches & pits in hard rock by hammering and chiseling i/c trimming & dressing sides to true 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 E. Incharge providing fence guard light flags and temporary crossing for non vehicular traffic wherever required lift upto 5'	1250.Cft	24150/-	% 0Cft	30188/-
10	Hire charges of the pumping set upto 10 Horse power. But not less than 5HP Pumping out water from 15 fit depth trench	13. Days	1500/-	Per Day	19500/-
11	Providing / Laying and fixing in trenched i/c fitting , jointing & testing etc complete in all respect High density polythene pipe (HDPE-100) for w/s confirming to ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 PN-10				
	110 mm 4" dia	500.Rft	268/-	P/Rft	134000/-
	160 mm 6" dia	200.Rft	530/-	P/Rft	106000/-
	200 mm 8" dia	200.Rft	833/-	P/Rft	166600/-
12	Providing and laying UPVC pipe of class B fixing in trench i/c cutting fitting and jointing With solvent cement i/c testing with water to a head of 61 meter or 200 ft				
	06" dia	100.Rft	259/-	P/Rft	25900/-
	04" dia	100.Rft	136/-	P/Rft	13600/-
	03" dia	100.Rft	90/-	P/Rft	9000/-

13	Manf., Supp: & fixing block steal MS pipe made our MS sheet of 6.4 mm thick from 3" to 18" dia confirming to API 5L grade X-42 spridly welded & externally asphalt coated internally epoxy coated (AWWA specification) i/c laying jointing with straight trenches i/c testing minimum specification pressure for different dia of pipe below;				
	12" dia	10.Rft	4726.00	P/Rft	47260/-
	08" dia	10.Rft	2804.00	P/Rft	28040/-
	06" dia	10.Rft	1984.00	P/Rft	19840/-
	04" dia	10.Rft	1229.00	P/Rft	12290/-
	03" dia	10.Rft	895.00	P/Rft	8950/-
14	Ref-filing excavated stuff in trench 6" layer i/c water ramming to dull compacting etc. complete	36751. Cft	2760/-	%0 Cft	101433/-
15	P/F M.S tail pieces (Dholki) on AC pipe fabrication with 1/4" thick MS plate having dimension & weight as mentioned against each item i/c the cost of labour & caulking 6" wide & flag end 3" wide.				
	12" dia	02.Nos	2997/-	Each	5994/-
	08" dia	02.Nos	2199/-	Each	4398/-
	06" dia	02.Nos	1422/-	Each	2844/-
	04" dia	02.Nos	1098/-	Each	2196/-
	03" dia	02.Nos	931/-	Each	1862/-
16	UPVC fitting tee				
	03" dia	02.Nos	361/-	Each	722/-
	04" dia	02.Nos	725/-	Each	1450/-
	06" dia	02.Nos	1446/-	Each	2892/-
17	UPVC fitting Bends				
	03" dia	02.Nos	475/-	Each	950/-
	04" dia	02.Nos	850/-	Each	1700/-
	06" dia	01.No	2500/-	Each	2500/-
18(a)	Tees (Equal)				
	6x6x6	02.Nos	1950/-	Each	3900/-
	4x4x4	02.Nos	1375/-	Each	2750/-



(b)	Tees (Un-equal)				
	12x6	02.Nos	4937.50	Each	9875/-
	12x4	02.Nos	3812.50	Each	7625/-
	6x4	02.Nos	1375.00	Each	2750/-
19	Cast iron special for AC pipe (Standard wt for "B" class) band.				
	08" dia	02.Nos	4330/-	Each	8660/-
	06" dia	02.Nos	2435/-	Each	4870/-
	04" dia	02.Nos	1082/-	Each	2164/-
	03" dia	02.Nos	609/-	Each	1218/-
20	Providing CI sluice valve heavy pattern (test pressure 21.0 kg/sq:cm or 300 lb/sq:inch) imported				
	12" dia	02.Nos	78000/-	Each	156000/-
	08" dia	01.No	17940/-	Each	17940/-
	06" dia	01.No	9360/-	Each	9360/-
	04" dia	02.Nos	5460/-	Each	10920/-
	03" dia	01.No	4290/-	Each	4290/-
21	Fixing of sluice valve with 2 cast iron tail pieces of one flanged & other with socket i/c the cost of nuts, bolts & rubber packing labour etc complete.				
	12" dia	02.Nos	3821.00	Each	7642/-
	08" dia	01.No	2790.00	Each	2790/-
	06" dia	01.No	1886.00	Each	1886/-
	04" dia	02.Nos	1532.00	Each	3064/-
	03" dia	01.No	1254.00	Each	1254/-
22	Providing & fixing Split collar 9" wide on A.C pipe fabricated with ¼" thick M.S plate weighting as mentioned against each item. It include the cost of 4 Nos. ¼" thick flanges, nuts & bolts, rubber packing, labour and sealing material etc complete				
	03" dia	01.No	1695/-	Each	1695/-
	04" dia	01.No	1835/-	Each	1835/-
	06" dia	01.No	2129/-	Each	2129/-
	12" dia	01.No	2510/-	Each	2510/-
23	Providing laying RCC pipes with (Rubber ring jointed fitting in trenched i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure				
	8" dia	1000.Rft	206.00	P/Rft	206000/-
	12" dia	1000.Rft	367.00	P/Rft	367000/-



24	Making connection with the existing manholes i/c the cost of cutting holes in walls making them good in cement concrete 1:2:4 and making the required channel etc	30.Nos	180/-	Each	5400/-
25	Man: & Supplying of RCC 21" dia frame slab 5" thick width ambadded 15 kg cost iron frame this 1:5:3 cone i/c maximum placing compact curing complete refreshing reinforced consisit of two 3/8" dia etc.	10.Nos	1906.60	Each	19066/-
26	Shifting of RCC ring slab of to the side & fixing in perfect position on damage main holes in proper shape of ring size 2" thick C: mortor & dispose off deliveries.	10.Nos	563.09	Each	5631/-
27	P/F RCC manholes cover 1:2:4 concrete (50% g/bajri 50% crush) 3" deep at C:reinforced with 1/2" thick MS bar @ 4" CC welded to a 3/16" thick 2.5 deep MS flat two hocks of 3/8" dia bars i/c compacting curing transportation with 10 miles.	100.Nos	913.63	Each	91363/-
28	Cleaning inside sewerage line complete restoring original silt free space/diameter of pipe line by labor and equipments (Mechanically/electrically driven i/c accessories like pulleys steels rob bucket and draggers sizing from 6" to 18" dia their to and from pulling action (no of passes shall be as many as require) would be taken in two phases first phase entire length from downstream to upstream brining down from peak hours sewerage to flow inside pipeline as free flow and in second phase from upstream to downstream of entire length ensuring no silt observed in bucket (6" dia to 18" dia) Except only sewereage water and finally passing a steel wall of dia 12" lesser that the diameter of pipe but not exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning the job i/c all the higher cost of equipment and accessory of above winching machine devices along with				

	engines with winching drum set having steel rob pulley mountain over it steel bucket from 6" to 18" dia hook and other protection like barrier traffic sign trafficions ensuring no damage pipe to along with ensuring safety to labor and other public property/lives and removal of silt/solid during delisting and clearance of site etc completed as per full satisfaction of site Incharge				
	12" dia	1000.Rft	80.50	P/Rft	80500/-
	15" dia	500.Rft	96.60	P/Rft	48300/-
	18" dia	4000.Rft	128.80	P/Rft	515200/-
29	Preparing Sub-Base by supplying and spreading well graded pit of bed run gravel having a liquid limit not greater than 25 and plasticity index not greater than 6 in proper camber 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 AASHO density (Rate i/c all cost of materials T&P and carriage upto 3 chains)	26925 Cft	3341.71	% Cft	899755/-
30	Providing and laying aggregate base course camber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical menas (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).	43250 Cft	5542.24	% Cft	2397019/-
31	1-1/2" thckse asphalt concrete wearing course plant mix layieng mechanically to proper line and grade plant mixed Asphat concrete specified formula according to job mixed formula approved by the engineer incharge rolling and finishing to design proper grade line level and camber	75000. Sft	6873.79	%.Sft	5155342/-



	etc (Machinery with POLs cost of material carriage)				
32	Providing 1" thick (consolidate) premix carpet in proper camber and grade i/c supplying 10 Cft: standard specification 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 material T & P and carriage up to 3 chains) Using crushed bajri.	96440. Sft	4107.84	%.Sft	3961601/-
33	P/L topping of 2" thick 1:2:4 screened bajri ¾" & d/g in g/f etc complete.	11500.Sft	3275.50	%.Sft	376682/-
34	Painting with enamel paint on masonry walls. 2" & subsequent. coat.	7500.Sft	837.10 (+)584.65 <u>1421.75</u>	%.Sft	106631/-
35	Supplying and fixing of refractories Road studs double face, flush surface type.	374.Nos	596.23	Each	222990/-
36	Payment marking in reflective thermoplastic paint for lines of 6" width.	8750.Rft	41.24	P/Rft	360850/-

**COST OF SCHEDULE ITEM PART (A) Rs. 16,968,890/-**

### (PART-B: ITEM BASED ON NON SCHEDULE ITEM)

S. No.	Description of Work	Qty	Rate	Per	Amount
01	P/F CC kerb block ratio 1:1 1/2:3 size to top 4" base 6" height 18" jointing 1:4 curing finishing 1/c 1:3:6 etc.	4200.Rft	220/-	P/Rft	924000/-
02	P/F CC vatta 1:1 repairing of AC water line i/c excavation dewatering repairing backfilling etc.				
	18" dia	05.Nos	10000/-	Each	50000/-
	12" dia	40.Nos	7000/-	Each	280000/-
	08" dia	02.Nos	5000/-	Each	10000/-
	06" dia	02.Nos	4000/-	Each	8000/-
	04" dia	70.Nos	3000/-	Each	210000/-
03	Const of block masonry chamber of (inside dimension) with 24"x24" cover &				

**CONTRACTOR SIGNATURE**

**Page 8 of 10**

	frame weight 10 Kg fix on RCC 1:2 slab 6" thick with steel ½" thick cement plaster 1:6 to all inside wall surface top and bottom slab outside wall surface 1" deep to roof slab including curing dewatering exaction refilling and disposal of surplus earth etc.				
	6x6x6	01.No	55923.00	Each	55923/-
	4x4x4	01.No	28357.00	Each	28357/-
04	For extra depth beyond 4ft add or deduct as per site depth as per estimate for CC chamber	(+) 02 Rft	5000/-	P/Rft	10000/-
05	Roding and cleaning of existing CI/AC pipe i/c excavation cutting CC vatta 1:1 jointing fixing with labeling comite jointing and backfilling dewatering etc.				
	06" dia	500.Rft	30/-	P/Rft	15000/-
	04" dia	2000.Rft	25/-	P/Rft	50000/-
06	Construction of Main hole 1:2:4 in-site dia 5' cleared depth 9" thick wall cast 50% GAB with 21" dia C.I Frame of 15 Kg & channel benching i/c P/F C.I footrest etc complete	100.Nos	14529.29	Each	1452929/-
07	For Extra depth & add/deduct beyond 5 ft	(-)25.Rft	2538.62	Per Rft	(-)63465/-

**COST OF NON SHEDULE ITEM PART (B) Rs.3,030,744/-**

Nomenclature quantities and  
Rates have been checked by us

ASSTT:EX:ENGINEER  
DMC (CENTRAL)

EXECUTIVE ENGINEER  
DMC(CENTRAL)

**CONTRACTOR SIGNATAURE**

**Page 9 of 10**



NAME OF WORK:- Improvement/ Rehabilitation of Road C.C Flooring / Replace of water & sewerage lines at various places of Liaquatabad Zone, DMC(Central)

**Tender No.( 04 )/ (2016-2017)**

**QUOTED BID SUMMERY**

I/We hereby quoted as follows.

		In Figures	In Words
1.	PART-A (Item Based on S/R) amounting Rs. <b>16,968,890/-</b> _____ %Above/Below of the S/R	Rs. _____	
2	PART-B (Item Based on Non Schedule Item) amounting Rs. <b>3,030,744/-</b> _____ %Above/Below of the Non Schedule Item	Rs. _____	
3	<b>GRAND TOTAL (A)+(B)</b>	Rs. _____	

**NOTE:**

- Tender must be quoted in figure & in work both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- I / We read the Standard Bidding Documents available in SPPRA website ([www.pprasinidh.govt.pk](http://www.pprasinidh.govt.pk)) and agreed to abide all of them and also provide all these documents with our signatures as & when directed.

I/We have attached a Bid Security as per NIT in Shape of Pay Order No. \_\_\_\_\_

Dated: \_\_\_\_\_ amounting Rs. \_\_\_\_\_ issued from \_\_\_\_\_

\_\_\_\_\_ In favor of D.M.C (Central);

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

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

\_\_\_\_\_

**CONTRACTOR SIGNATAURE**

**INSTRUCTION TO BIDDERS**

**Date:** \_\_\_\_\_  
**Bid Reference No.:** \_\_\_\_\_

**INSTRUCTION TO BIDDERS**

1. The bid security shall be forfeited to the DMC(Central), of the bidder withdrawn his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
2. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which his bid will be either rejected or the bid security be forfeited as deemed appropriate by DMC (Central).
3. The successful bidder shall furnish a performance guarantee at the time of agreement in shape of Pay Order equal to 5% of sanction cost. This guarantee will be released after completion of work.
4. An amount equal to 5% from each bill will be deducted as Retention Money, which will be released after successful expiry of maintenance period.
5. Bid validity period of 90 days.
6. The Procuring agency may reject all or any bids or proposals at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rule 2010 (amended 2017)
7. Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8. In case of default by contractors, it shall be liable to forfeiture of Bid Security / Performance Security (Security Deposit) in part or whole if they fail to abide by the terms and conditions as the case may be and their names will be blacklisted.
9. All applicable taxes shall be included in the bid amount by the contractor which will be deducted from the bills.
10. Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
11. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
12. **Eligibility Criteria** The Contractor shall be eligible to participate in the Tender, having Valid PEC up to December 2017 in required category and discipline, NTN Certificate, Valid Professional Tax, Sindh Revenue Board Registration Certificate & Experience in the relevant job.
13. The conditions of contract are available on SPPRA website ([www.pprasindh.govt.pk](http://www.pprasindh.govt.pk)).



Method and procedure of procurement: Single State-One Envelope Procedure (Rule 46(1) of SPP Rule 2010(Amended2017)

**BIDDERS' ELIGIBILITY/ QUALIFICATION CRITERIA**

Eligibility/ Qualification Criteria:

S. No.	Eligibility / Qualification Criteria
1	Valid PEC in relevant category (where applicable)& relevant field of specialization.
2	NTN Certificate
3	Valid Professional Tax
4	CNIC Copy
5	Registration with Sindh Revenue Board (SRB)
	<b>Qualification Criteria:</b>
1	Minimum three years' experience of relevant field.
2	Turnover of at least last three years.
3	Bid Security, as mentioned in the NIT & Bidding Documents is furnished.
4	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.
5	At least 20 million work done in last two years, work order and completion certificate must be attached.
6	The contractor must mention their complete and correct present postal address in tender documents & quote the rates both in words & in figures. Incomplete / Conditional tenders will be not accepted. In addition, the bidders must furnish the documentary evidence against each eligibility criteria (as mentioned above) as well as minimum qualification criteria as included in the Bidding Documents & Pay order of Bids Security, Otherwise their tender will be summarily rejected without consideration of their bid amount.
7	Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8	Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
9	Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection

**SCHEDULE OF REQUIREMENT**

(Scope of Bid)

**Tender No. ( 03 )/(2016-2017)/D.M.C(Central)**

**IMPROVEMENT REHABILITATION OF INTERNAL ROADS FOOT  
PATH AND C.C FLOORING AT VARIOUS AREAS OF GULBERG  
ZONE, DMC(CENTRAL)**

- 1) Improvement Rehabilitation of Internal roads foot path and C.C  
Flooring at various areas By using items of BOQ in 180  
Calendar Days.

**NOTE:-** Performance Security will be released on  
satisfactory completion report & after the expiry of  
maintenance period.



## BIDDING DATA

### Work No: 3 (2016-2017)

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

(a).Name of Procuring Agency District Municipal Corporation-Central

(b).Brief Description of Works

Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of Gulberg Zone, DMC(Central)

(c).Procuring Agency's address:- D.M.C (Centtral) Sharah-e-Ibne Sina, Nazimabad No-2, Karachi.

(d).Estimated Cost:- Rs. 20.00 (Million)

(e).Amount of Bid Security:- Rs. 4,00,000/- (Fill in lump sum amount or in % age of bid amount/estimated cost, but not exceeding 5%)

(f).Period of Bid Validity (days):- 90 Days

(g).Performance Security :- 10%  
(in % age of bid amount/estimated cost equal to 10%)

(h).Percentage, if any, to be deducted from bills:- 7.5% Income Tax

(i).Deadline for Submission of Bids along with time:- Dated:- 10-5-2017 At:- 2:00 PM

(j).Venue, Time, and Date of Bid Opening:- Office of the B&R Department, 3<sup>rd</sup> Floor, District Municipal Corporation, Karachi-Central Shahrach-e-IbneSina, Nazimabad No-2, Karachi. At:- 3:00 PM Dated:- 10-5-2017

(k).Time for Completion from written order of commence:- 6 months

(l).Liquidity damages:- 0.10% 0.05 of Estimated Cost of Bid cost per day of delay, but total not exceeding 10%.

(m).Tender Cost Receipt Pay Order No: \_\_\_\_\_ Date: \_\_\_\_\_ Amount: \_\_\_\_\_

Name of Bank \_\_\_\_\_

(n).Bidding Documents issued to: M/s.

CONTRACTOR SIGNATURE

ISSUING AUTHORITY

# STANDARD FORM OF BIDDING DOCUMENTS

FOR

## PROCUREMENT OF WORKS

For Contracts (Small) amounting between Rs. 2.5 Million to Rs. 50.00 Million

**Tender No. ( 03 )/(2016-2017)/D.M.C(Central)**

### BILL OF QUANTITIES

### (SINGLE STAGE ONE ENVELOPE METHOD)

(Alongwith Bidders Eligibility & Qualification Criteria & Method of Procurement)

### NAME OF WORK

**Improvement Rehabilitation of Internal roads foot path and  
C.C Flooring at various areas of Gulberg Zone, DMC(Central)**

ESTIMATED COST OF THE PROJECT (IN MILLION)	BID SECURITY OF ESTIMATED COST IN SHAPE OF PAY ORDER (IN RS.)	TENDER COST (IN RS.)
20.00	4,00,000/-	3000/-

CONTRACTOR SIGNATAURE

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**OFFICE OF THE DEPUTY COMMISSIONER KARACHI CENTRAL****BILL OF QUANTITIES**

NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and  
C.C Flooring at various areas of Gulberg Zone,  
DMC(Central)

**Tender No.( 03 )/ (2016-2017)**

**(PART-A: ITEM BASED ON SCHEDULE RATE)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	Scarify the existing road surface	82500. Sft	116.16	%.Sft	95832/-
02	Dismantling stone melting etc complete	41250. Cft	605/-	%.Cft	249562/-
03	Dismantling CC work 1:2:4 etc. complete	2500.Cft	3327.50	% Cft	83187/-
04	Dismantling cement block machinery etc complete	756.Cft	1134.38	% Cft	8576/-
05	Earth work excavation of road side nalies i/c forming its banks or putting the same on embankment etc.	5175.Cft	1437/-	%0 Cft	7436/-
06	Excavation in foundation of building bridges and other structure including dagbelling dressing, refilling around structure with excavated earth watering and ramming lead up to 5ft	2500.Cft	3176.25	%0 Cft	7941/-
07	Cartage of 100 cft/5 tones of all materials like 5' one aggregate spawl, coal, lime, surki, etc. (lead of 7 miles)	62881. Cft	804.52	% Cft	505890/-
08 (a)	Excavation for pipe line in trenches & pits in all kind of soil of murmur i/c trimming & dressing sides to true alignment & shape leveling of bed of trenches to correct level & grade cutting jointing holes & disposal of surplus earth within one chain as	36000. Cft	4650/-	% 0.Cft	167400/-

(b)	directed by E.Incharge providing fence guard light & temporary crossing for non vehicular traffic wherever required lift upto 5' & lead upto one chain. Cutting for extra deep 5' to 8' add for additional lead of every one chain or part thereof in item no. 1 to 15 for excavation for pipe lines & pits.	1250.Cft	4650/- + 550/- 5200/-	% 0.Cft	6500/-
09	Excavation for pipe line in trenches & pits in hard rock by hammering and chiseling i/c trimming & dressing sides to true 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 E. Incharge providing fence guard light flags and temporary crossing for non vehicular traffic wherever required lift upto 5'	1250.Cft	24150/-	% 0Cft	30188/-
10	Hire charges of the pumping set upto 10 Horse power. But not less than 5HP Pumping out water from 15 fit depth trench	13. Days	1500/-	Per Day	19500/-
11	Providing / Laying and fixing in trenched i/c fitting , jointing & testing etc complete in all respect High density polythene pipe (HDPE-100) for w/s confirming to ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 PN-10				
	110 mm 4" dia	500.Rft	268/-	P/Rft	134000/-
	160 mm 6" dia	200.Rft	530/-	P/Rft	106000/-
	200 mm 8" dia	200.Rft	833/-	P/Rft	166600/-
12	Providing and laying UPVC pipe of class B fixing in trench i/c cutting fitting and jointing With solvent cement i/c testing with water to a head of 61 meter or 200 ft				
	06" dia	100.Rft	259/-	P/Rft	25900/-
	04" dia	100.Rft	136/-	P/Rft	13600/-
	03" dia	100.Rft	90/-	P/Rft	9000/-



13	Manf,, Supp: & fixing block steal MS pipe made our MS sheet of 6.4 mm thick from 3" to 18" dia confirming to API 5L grade X-42 spridly welded & externally asphalt coated internally epoxy coated (AWWA specification) i/c laying jointing with straight trenches i/c testing minimum specification pressure for different dia of pipe below;				
	12" dia	10.Rft	4726.00	P/Rft	47260/-
	08" dia	10.Rft	2804.00	P/Rft	28040/-
	06" dia	10.Rft	1984.00	P/Rft	19840/-
	04" dia	10.Rft	1229.00	P/Rft	12290/-
	03" dia	10.Rft	895.00	P/Rft	8950/-
14	Ref-filing excavated stuff in trench 6" layer i/c water ramming to dull compacting etc. complete	36751. Cft	2760/-	%0 Cft	101433/-
15	P/F M.S tail pieces (Dholki) on AC pipe fabrication with 1/4" thick MS plate having dimension & weight as mentioned against each item i/c the cost of labour & caulking 6" wide & flag end 3" wide.				
	12" dia	02.Nos	2997/-	Each	5994/-
	08" dia	02.Nos	2199/-	Each	4398/-
	06" dia	02.Nos	1422/-	Each	2844/-
	04" dia	02.Nos	1098/-	Each	2196/-
	03" dia	02.Nos	931/-	Each	1862/-
16	UPVC fitting tee				
	03" dia	02.Nos	361/-	Each	722/-
	04" dia	02.Nos	725/-	Each	1450/-
	06" dia	02.Nos	1446/-	Each	2892/-
17	UPVC fitting Bends				
	03" dia	02.Nos	475/-	Each	950/-
	04" dia	02.Nos	850/-	Each	1700/-
	06" dia	01.No	2500/-	Each	2500/-
18(a)	Tees (Equal)				
	6x6x6	02.Nos	1950/-	Each	3900/-
	4x4x4	02.Nos	1375/-	Each	2750/-



(b)	Tees (Un-equal)				
	12x6	02.Nos	4937.50	Each	9875/-
	12x4	02.Nos	3812.50	Each	7625/-
	6x4	02.Nos	1375.00	Each	2750/-
19	Cast iron special for AC pipe (Standard wt for "B" class) band.				
	08" dia	02.Nos	4330/-	Each	8660/-
	06" dia	02.Nos	2435/-	Each	4870/-
	04" dia	02.Nos	1082/-	Each	2164/-
	03" dia	02.Nos	609/-	Each	1218/-
20	Providing CI sluice valve heavy pattern (test pressure 21.0 kg/sq:cm or 300 lb/sq:inch) imported				
	12" dia	02.Nos	78000/-	Each	156000/-
	08" dia	01.No	17940/-	Each	17940/-
	06" dia	01.No	9360/-	Each	9360/-
	04" dia	02.Nos	5460/-	Each	10920/-
	03" dia	01.No	4290/-	Each	4290/-
21	Fixing of sluice valve with 2 cast iron tail pieces of one flanged & other with socket i/c the cost of nuts, bolts & rubber packing labour etc complete.				
	12" dia	02.Nos	3821.00	Each	7642/-
	08" dia	01.No	2790.00	Each	2790/-
	06" dia	01.No	1886.00	Each	1886/-
	04" dia	02.Nos	1532.00	Each	3064/-
	03" dia	01.No	1254.00	Each	1254/-
22	Providing & fixing Split collar 9" wide on A.C pipe fabricated with ¼" thick M.S plate weighting as mentioned against each item. It include the cost of 4 Nos. ¼" thick flanges, nuts & bolts, rubber packing, labour and sealing material etc complete				
	03" dia	01.No	1695/-	Each	1695/-
	04" dia	01.No	1835/-	Each	1835/-
	06" dia	01.No	2129/-	Each	2129/-
	12" dia	01.No	2510/-	Each	2510/-
23	Providing laying RCC pipes with (Rubber ring jointed fitting in trenched i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure				
	8" dia	1000.Rft	206.00	P/Rft	206000/-
	12" dia	1000.Rft	367.00	P/Rft	367000/-

24	Making connection with the existing manholes i/c the cost of cutting holes in walls making them good in cement concrete 1:2:4 and making the required channel etc	30.Nos	180/-	Each	5400/-
25	Man: & Supplying of RCC 21" dia frame slab 5" thick width ambadded 15 kg cost iron frame this 1:5:3 cone i/c maximum placing compact curing complete refreshing reinforced consisit of two 3/8" dia etc.	10.Nos	1906.60	Each	19066/-
26	Shifting of RCC ring slab of to the side & fixing in perfect position on damage main holes in proper shape of ring size 2" thick C: mortor & dispose off deliveries.	10.Nos	563.09	Each	5631/-
27	P/F RCC manholes cover 1:2:4 concrete (50% g/bajri 50% crush) 3" deep at C:reinforced with 1/2" thick MS bar @ 4" CC welded to a 3/16" thick 2.5 deep MS flat two hocks of 3/8" dia bars i/c compacting curing transportation with 10 miles.	100.Nos	913.63	Each	91363/-
28	Cleaning inside sewerage line complete restoring original silt free space/diameter of pipe line by labor and equipments (Mechanically/electrically driven i/c accessories like pulleys steels rob bucket and draggers sizing from 6" to 18" dia their to and from pulling action (no of passes shall be as many as require) would be taken in two phases first phase entire length from downstream to upstream brining down from peak hours sewerage to flow inside pipeline as free flow and in second phase from upstream to downstream of entire length ensuring no silt observed in bucket (6" dia to 18" dia) Except only sewereage water and finally passing a steel wall of dia 12" lesser that the diameter of pipe but not exceeding 48" dia ball even for larger dia pipe to ensure perfect cleaning the job i/c all the higher cost of equipment and accessory of above winching machine devices along with				



	engines with winching drum set having steel rob pulley mountain over it steel bucket from 6" to 18" dia hook and other protection like barrier traffic sign trafficions ensuring no damage pipe to along with ensuring safety to labor and other public property/lives and removal of silt/solid during delisting and clearance of site etc completed as per full satisfaction of site Incharge				
	12" dia	1000.Rft	80.50	P/Rft	80500/-
	15" dia	500.Rft	96.60	P/Rft	48300/-
	18" dia	4000.Rft	128.80	P/Rft	515200/-
29	Preparing Sub-Base by supplying and spreading well graded pit of bed run gravel having a liquid limit not greater than 25 and plasticity index not greater than 6 in proper camber 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 AASHO density (Rate i/c all cost of materials T&P and carriage upto 3 chains)	26925 Cft	3341.71	% Cft	899755/-
30	Providing and laying aggregate base course camber having CBR 80% as per AASHTO standard specification i/c spreading and compacting by approved mechanical menas (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).	43250 Cft	5542.24	% Cft	2397019/-
31	1-1/2" thckse asphalt concrete wearing course plant mix layieng mechanically to proper line and grade plant mixed Asphat concrete specified formula according to job mixed formula approved by the engineer incharge rolling and finishing to design proper grade line level and camber	75000. Sft	6873.79	%.Sft	5155342/-

	etc (Machinery with POLs cost of material carriage)				
32	Providing 1" thick (consolidate) premix carpet in proper camber and grade i/c supplying 10 Cft: standard specification 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 material T & P and carriage up to 3 chains) Using crushed bajri.	96440. Sft	4107.84	%.Sft	3961601/-
33	P/L topping of 2" thick 1:2:4 screened bajri ¾" & d/g in g/f etc complete.	11500.Sft	3275.50	%.Sft	376682/-
34	Painting with enamel paint on masonry walls. 2" & subsequent. coat.	7500.Sft	837.10 (+)584.65 <u>1421.75</u>	%.Sft	106631/-
35	Supplying and fixing of refrectories Road studs double facce, flush surface type.	374.Nos	596.23	Each	222990/-
36	Payment marking in reflective theremo plastic paint for lines of 6" width.	8750.Rft	41.24	P/Rft	360850/-

**COST OF SHEDULE ITEM PART (A) Rs. 16,968,890/-**

**(PART-B: ITEM BASED ON NON SCHEDULE ITEM)**

S. No.	Description of Work	Qty	Rate	Per	Amount
01	P/F CC kerb block ratio 1:1 1/2:3 size to top 4" base 6" height 18" jointing 1:4 curing finishing 1/c 1:3:6 etc.	4200.Rft	220/-	P/Rft	924000/-
02	P/F CC vatta 1:1 repairing of AC water line i/c excavation dewatering repairing backfilling etc.				
	18" dia	05.Nos	10000/-	Each	50000/-
	12" dia	40.Nos	7000/-	Each	280000/-
	08" dia	02.Nos	5000/-	Each	10000/-
	06" dia	02.Nos	4000/-	Each	8000/-
	04" dia	70.Nos	3000/-	Each	210000/-
03	Const of block masonry chamber of ( inside dimension) with 24"x24" cover &				

**CONTRACTOR SIGNATAURE**

Page 8 of 10



	frame weight 10 Kg fix on RCC 1:2 slab 6" thick with steel ½" thick cement plaster 1:6 to all inside wall surface top and bottom slab outside wall surface 1" deep to roof slab including curing dewatering exaction refilling and disposal of surplus earth etc.				
	6x6x6	01.No	55923.00	Each	55923/-
	4x4x4	01.No	28357.00	Each	28357/-
04	For extra depth beyond 4ft add or deduct as per site depth as per estimate for CC chamber	(+) 02 Rft	5000/-	P/Rft	10000/-
05	Roding and cleaning of existing CI/AC pipe i/c excavation cutting CC vatta 1:1 jointing fixing with labeling comite jointing and backfilling dewatering etc.				
	06" dia	500.Rft	30/-	P/Rft	15000/-
	04" dia	2000.Rft	25/-	P/Rft	50000/-
06	Construction of Main hole 1:2:4 in-site dia 5' cleared depth 9" thick wall cast 50% GAB with 21" dia C.I Frame of 15 Kg & channel benching i/c P/F C.I footrest etc complete	100.Nos	14529.29	Each	1452929/-
07	For Extra depth & add/deduct beyond 5 ft	(-)25.Rft	2538.62	Per Rft	(-)63465/-

**COST OF NON SHEDULE ITEM PART (B) Rs.3,030,744/-**

Nomenclature quantities and  
Rates have been checked by us

ASSTT:EX:ENGINEER  
DMC (CENTRAL)

EXECUTIVE ENGINEER  
DMC(CENTRAL)

**CONTRACTOR SIGNATAURE**

NAME OF WORK:- Improvement Rehabilitation of Internal roads foot path and C.C Flooring at various areas of Gulberg Zone, DMC(Central)\_\_\_\_\_

**Tender No.( 03 )/ (2016-2017)**

**QUOTED BID SUMMERY**

I/We hereby quoted as follows.

		In Figures	In Words
1.	PART-A (Item Based on S/R) amounting Rs. <b>16,968,890/-</b> _____ %Above/Below of the S/R	Rs. _____	
2	PART-B (Item Based on Non Schedule Item) amounting Rs. <b>3,030,744/-</b> _____ %Above/Below of the Non Schedule Item	Rs. _____	
3	<b>GRAND TOTAL (A)+(B)</b>	Rs. _____	

**NOTE:**

- Tender must be quoted in figure & in work both otherwise liable to be cancelled.
- All over writing & correction if any must be initialed & stamped by the bidder.
- I / We read the Standard Bidding Documents available in SPPRA website ([www.pprasinidh.govt.pk](http://www.pprasinidh.govt.pk)) and agreed to abide all of them and also provide all these documents with our signatures as & when directed.

I/We have attached a Bid Security as per NIT in Shape of Pay Order No. \_\_\_\_\_

Dated: \_\_\_\_\_ amounting Rs. \_\_\_\_\_ issued from \_\_\_\_\_

\_\_\_\_\_ In favor of D.M.C (Central);

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

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

\_\_\_\_\_

**CONTRACTOR SIGNATAURE**



**INSTRUCTION TO BIDDERS**

**Date:** \_\_\_\_\_  
**Bid Reference No.:** \_\_\_\_\_

**INSTRUCTION TO BIDDERS**

1. The bid security shall be forfeited to the DMC(Central), of the bidder withdrawn his bid after opening and before the expiry of the bid validity period or fails to sign the contract if the bid is accepted.
2. If a bidder submits a seriously unbalanced bid then he may be required to deposit extra performance security to a level sufficient to protect the procuring agency against financial losses, failing which his bid will be either rejected or the bid security be forfeited as deemed appropriate by DMC (Central).
3. The successful bidder shall furnish a performance guarantee at the time of agreement in shape of Pay Order equal to 5% of sanction cost. This guarantee will be released after completion of work.
4. An amount equal to 5% from each bill will be deducted as Retention Money, which will be released after successful expiry of maintenance period.
5. Bid validity period of 90 days.
6. The Procuring agency may reject all or any bids or proposals at any time prior to the acceptance of a bid or proposal, subject to the relevant provision of SPPRA Rule 2010 (amended 2017)
7. Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8. In case of default by contractors, it shall be liable to forfeiture of Bid Security / Performance Security (Security Deposit) in part or whole if they fail to abide by the terms and conditions as the case may be and their names will be blacklisted.
9. All applicable taxes shall be included in the bid amount by the contractor which will be deducted from the bills.
10. Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
11. Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection.
12. **Eligibility Criteria** The Contractor shall be eligible to participate in the Tender, having Valid PEC up to December 2017 in required category and discipline, NTN Certificate, Valid Professional Tax, Sindh Revenue Board Registration Certificate & Experience in the relevant job.
13. The conditions of contract are available on SPPRA website ([www.pprasindh.govt.pk](http://www.pprasindh.govt.pk)).

**Method and procedure of procurement:** Single State-One Envelope Procedure (Rule 46(1) of SPP Rule 2010(Amended2017)

**BIDDERS' ELIGIBILITY/ QUALIFICATION CRITERIA**

Eligibility/ Qualification Criteria:

S. No.	Eligibility / Qualification Criteria
1	Valid PEC in relevant category (where applicable)& relevant field of specialization.
2	NTN Certificate
3	Valid Professional Tax
4	CNIC Copy
5	Registration with Sindh Revenue Board (SRB)
	<b>Qualification Criteria:</b>
1	Minimum three years' experience of relevant field.
2	Turnover of at least last three years.
3	Bid Security, as mentioned in the NIT & Bidding Documents is furnished.
4	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.
5	At least 20 million work done in last two years, work order and completion certificate must be attached.
6	The contractor must mention their complete and correct present postal address in tender documents & quote the rates both in words & in figures. Incomplete / Conditional tenders will be not accepted. In addition, the bidders must furnish the documentary evidence against each eligibility criteria (as mentioned above) as well as minimum qualification criteria as included in the Bidding Documents & Pay order of Bids Security, Otherwise their tender will be summarily rejected without consideration of their bid amount.
7	Any correction / overwriting without initial & stamp of contractor shall declare the tender as rejected.
8	Those tenders which are in complete or received after the schedule date & time shall not be entertained and declared as Non-accepted.
9	Canvassing in connection with tenders is strictly prohibited and tenders submitted by the contractors who report canvassing will liable for rejection