OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS-III

WORKS AND SERVICES DEPARTMENT KARACHI

VOUME-II: BILL OF QUANTITIES

(SINGLE STAGE ONE ENVELOPE METHOD)

(Along with eligibility & minimum qualification criteria *Method of Procurement)

NAME OF WORK **:- IMPROVEMENT OF INTERNAL ROADS AND SEWERAGE SYSTEM AT GARDEN WEST, KARACHI**

1.	Estimated Cost	Rs. 19.730 Million
2.	Bid Security	2% of Bid Amount
3.	Tender Cost	Rs. 3000/-

EXECUTIVE ENGINNER
BUILDING-III,W&S DEPARTMENT
KARACHI

Issued to M/S _____ P.O/D.R. No. _____

_____ Dated. _____

_____

Signature & Stamp of issuing Authority.

WORKS & SERVIVES DEPARTMENT GOVERNMENT OF SINDH

ENGINEERING DEPARTMENT

SCHEDULE...B.....

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
1	Dismantling of existing asphalt concrete road including base,sub-base and disposal of dismantling material to designated placed.	%Cft	35,100.00	773.86	**Rs.271,624.86**
2	Dismantling of C C plain 1:2:4	%Cft	1,860.00	3327.50	**Rs.61,891.50**
3	Cleaning/Desilting of existing manhole/catch pit i/c cartage of material loading and unloading within 15miles.	P/Mnh	100.00	474.83	**Rs.47,483.00**
4	Earth Excavation ash,sand soft soil or silt clearnce undresses lead upto 50ft.	%0Cft	93,000.00	1663.75	**Rs.154,728.75**
5	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 05 Miles etc).	% Cft	129,960.00	714.29	**Rs.928,291.28**
6	P/L Granular sub-base course material over prepared sub grade in conformity with liner grader thickness and typer cross section as shown in drawing for new pavements at grade wideining exisiting pavement using well graded granular crushed stone with sand and silt having a smooth gradation curve with in the limit for grading C or D as per AASHTO T-180 method D using approved minerals means of i/c watering with all land and lift complete as per specification as directed by the Engineer Incharge.	% Cft	65,500.00	3380.43	**Rs.2,214,181.65**
7	Providing and Laying aggregate base course material over prepared sub grade in conformity with lines, grades and thickness and typical cross secton as shown in drawing for new pavements at grade / widening existing pavement using well graded granular crushed stone with sand and silt having a smooth gradation curve with in the limit for grading A or B as per AASHTO-M 142-65 (1975) and compacting to 100% of the minimum dry density according to AASHTO T-180 method D approved mechnical means of i/c watering with all lead and lift complete as per specification as directed by the Engineer Incharge.	% Cft	55,000.00	5542.24	**Rs.3,048,232.00**

SCHEDULE...B.....					
SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
8	Laying to Proper line and grade plant mixed Asphalt concrete paver finished (Hydraulic / Electronic control) Prepared to specified fomula according to job mix formula approved by Engineer incharge including rolling and finishing to Properline, grade level and camber etc: (Machinery with POLs cost of material carriage) **5CM**	%Sft	110,000.00	8274.73	**Rs.9,102,203.00**
9	P/L RCC Pipe of ASTM C-76-62 TIC 7670,class II wall 8 and fixing in trench i/c cutting fitting and jointing with rubber ring i/c testing with water to specified presure.				
	12" Dia	Rft	500.00	412.00	**Rs.206,000.00**
	15" Dia	Rft	1,000.00	515.00	**Rs.515,000.00**
10	Full hire charges of the pumping set per day inclusive of wage of driver and assistant fuel or electric energy plate form required for placing pump etc at lower depth with suction and delivery pipe for pumping out water found at various depth from trenches i/c the cost of erection and dismantling after completion of the job. Higher charge of pumping set of into 10 HP (but not less than 5 HP) pumping out water from 10' deep trench	P.Day	40.00	1500.00	**Rs.60,000.00**
11	Construction of manhole(catch pit)2'x2' inside dimension and 3.5' deep for rainy water drain i/c the cost of excavation,4' thick 1:4:8 bed,2" thick cc,floor,1/2" thick 1"4 cement plaster inside the chamber,1:2:4 cc walls 6" thick etc,complete as per direction of the incharge.	Each	55.00	14748.00	**Rs.811,140.00**
12	Manufacturing and supply RCC manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center rainforced with 3/8" dia tor steel bars at 4" c.c welded to 1/8" thick 2.5 inch deep M.S plate i/c curing stacking and transportation with in 10 miles.				
	21" Dia	Each	80.00	913.63	**Rs.73,090.40**
	24" Dia	Each	5.00	1051.25	**Rs.5,256.25**

SCHEDULE...B.....					
SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
13	Cleaning inside sewerage lines completely restoring original silt free space/Diameter of pipe lines by Labour and equiqment (Mechanically / Electrically Driver) i/c accessaries like wise pulley's steel rope buckets and draggers sizing from 12" to 48" Dia their to and fro pulling action (No of [asses shall be as required) would be undertaken in two phases (first phase entire length from downstream to upstream) bringing down peak hours sewerage to flow inside pipe line (as free flow and other protection like sefety barriers traffic comes ensuring no damaged to pipe line alongwith ensuring safety to labour and other public property / lies and removal of silts/solids during de-silting and cleaning of site etc complete as per full satisfaction of site incharge.	P.Rft	4,500.00	354.20	**Rs.1,593,900.00**
	Non-Schedule Items				
14	Providing, Making and fixing precast slab different thickness having 3000 PSI Cylindrical strength Concrete (Ready Mixed) excluding cutting, bending & binding steel reinforcement, formwork, loading, unloading, transporting, jointing 1:3 cement sand mortar and curing etc; complete in all respect as shown on the drawings and as directed by the Engineer.As per general specification Vol-II and special specification Vol-III.				
	6" Thick	Sft	400.00		
15	Repair of leakages RCC pipe line under the roadway as directed by the Engineer Incharage.(A.R)				
	9" Dia	Each	3.00		
	12" Dia	Each	2.00		
	15" Dia	Each	2.00		
	18" Dia	Each	3.00		
	24" Dia	Each	3.00		
16	Repair of Water leakages in MS pipe line under the roadway as directed by the Engineer Incharage.(A.R)				
	8" Dia	Each	2.00		
	12" Dia	Each	2.00		
	15" Dia	Each	2.00		
	18" Dia	Each	3.00		

ABSTRACT OF COST					
SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
17	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. complete.	Each	38.00		
18	Raising of existing sewerage manholes / service chamber cement concrete 1:2:4 upto 2' height i/c fixing of manhole cover with RCC ring slab etc complete (AR)	Each	80.00		
	Total Amount of Schedule Items				**19,093,022.69**
	Total Amount of Non-Schedule/Approved Items				

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS-III

WORKS AND SERVICES DEPARTMENT KARACHI

QUOTED BID (SUMMARY)

NAME OF WORK :- **IMPROVEMENT OF INTERNAL ROADS AND SEWERAGE SYSTEM AT GARDEN WEST, KARACHI**

Date of Issuance from Publication to	02-09-2016
Date of Dropping Tender.	20-09-2016 Upto 2:00 P.M
Date of Opening.	20-09-2016 at 2:30 P.M

I/We hereby quoted as follows.

	In figures	In words.
PART-A **Civil Works Schedule Items** **@_____%** Above / Below on S.R Items		
PAR-B **Items Based on Non Schedule Items**		
G R A N D T O T A L (A + B)		

The total amount is Rs._____ (Rupees _____
(In figures) (In words)

_____ for the complete job for all schedule of rate, approved rate & other rates

(whichever is included in the BOQ)

I / We have attach a Bid Security amount to Rs._____ as per NIT in shape of pay order bearing

No._____ dated _____ issued from _____
(Bank)

Time Limit - -Months

Validity 90+30 Days as SPP Rules 2010.

NOTE:

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

For office use.

Verified BOQ by

Signature of the contractor with stamp

Address._____