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 SERVICES ROAD SHAHRAH-S-FAISAL FROM BALOUCH COLONY FLYOVER TO LAL QILA RESTAURANT, DISTRICT EAST, KMC, KARACHI**

1.	Estimated Cost	Rs. 19.290 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 & SERVICES DEPARTMENT GOVERNMENT OF SINDH

ENGINEERING DEPARTMENT

SCHEDULE....B.....

SR. #	Item No.	Description	Unit	Quantity	Rate	Amount (Rs)
		Schedule Items				
1	Sch/RW/F .11	Dismantling of existing asphalt concrete road including base,sub-base and disposal of dismantling material to designated placed.	% Cft	16,695.00	773.86	**Rs.129,195.93**
2	Sch/10-9c	Dismantling of Cement concrete 1:2:4 work i/c speration reinforcement disposal of surplus material with three chains.	% Cft	1,360.00	3327.50	**Rs.45,254.00**
3	(Sch/Vol-I/Pg-01,Itm-02)	Earth Excavation ash,sand soft soil or silt clearnce undresses lead upto 50ft.	%0Cft	91600.00	1663.75	**Rs.152,399.50**
4		Excavation for Pipe line in Trenches,and pits in all kind of soils of murum i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade,cutting joint holes and disposal of surplus earth within a one chain as per directed by engineer incharge,Providing frence guards,light flags and temporary crossing for non-vehicular traffic where ever requaired lift upto 5ft(1.52m) and lead upto one chain (30.5m).	%0 Cft	6,600.00	3600.00	**Rs.23,760.00**
5	CSR-2012. (Sch/Vol-III/Part IV/	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 10 Miles etc).	% Cft	116255.00	1064.00	**Rs.1,236,953.20**
6		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**

SCHEDULE....B.....						
SR. #	Item No.	Description	Unit	Quantity	Rate	Amount (Rs)
7	Sch/RW/2.12	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	50600.00	5155.59	**Rs.2,608,728.54**
8	Sch/RW/2.13	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	47100.00	7356.12	**Rs.3,464,732.52**
9	Sch/Rw/5.248	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	94200.00	8274.73	**Rs.7,794,795.66**
10		Providing and laying reinforced cement concrete having 4000 PSI cylindrical strength (ready mixed concrete) in slabs including all kinds of formwork, lifting, hoisting, placing, curing, compacting and finishing complete in all respect as shown on the drawings and as directed by the Engineer. (Excluding the cost of steel reinforcement). As per general specification Vol-II and special specification Vol-III.	Cft	420.00	288.14	**Rs.121,018.80**

SCHEDULE....B.....

SR. #	Item No.	Description	Unit	Quantity	Rate	Amount (Rs)
11	(Sch/Vol-VI/Chp-01/Pg-16,(Misc) Itm-14)	Providing & fixing Precast Edge Block 3750 PSI Industrial Made Size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form Work for haunching, 1450 PSI lean concrete, 2250 PSI concrete for haunching, 1:4 cement sand mortor.	P.Rft	100.00	297.01	**Rs.29,701.00**
12	Sch/Chp-11/Pg-72 Itm-30A-B	Painting with enamel paint on Masonary walls(new surface/ kerb stone)1st & 2nd Coat	%Sft	100.0	1421.75	**Rs.1,421.75**
13	(Sch/Vol-VI/Chp-2/Pg-17,Itm-01b,c,d)	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 pressure.				
		12" Dia	Rft	300.00	412.00	**Rs.123,600.00**
		15" Dia	Rft	400.00	515.00	**Rs.206,000.00**
14		Cleaning inside sewerage lines completely restoring original silt free space/diameter of pipe lines by labour and equipment (Mechanically/electrically driven) including accessories like pulley's steel rope,bucket and draggers sizing from 6" to18" dia.their to and fro pulling action(no of passs shall be as many as required) would be taken intwo phases(first phase entire length from down stream to up stream)bringing down peak hours sewerage to flow inside pipe line etc.				
		18" Dia	P.RFt	1000.00	128.80	**Rs.128,800.00**
		36" Dia	P.RFt	500.00	289.80	**Rs.144,900.00**
		48" Dia	P.RFt	2000.00	354.20	**Rs.708,400.00**
15		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	30.00	913.63	**Rs.27,408.90**
		24" Dia	Each	10.00	1051.25	**Rs.10,512.50**
		30" Dia	Each	5.00	1,830.94	**Rs.9,154.70**
16	(Sch/Vol-IV/Chp-2/Pg-46,Itm-01)	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	35.00	14748.00	**Rs.516,180.00**

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
	Approved Items / N.S Items				
17	Repair of leakages RCC pipe line under the roadway as directed by the Engineer Incharage.(A.R)				
	15" Dia	Each	2.00		
	18" Dia	Each	3.00		
	24" Dia	Each	3.00		
18	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	3.00		
	18" Dia	Each	6.00		
19	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.(A/R)	Each	25.00		
20	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 Incharge. As per general specification Vol-II and Special Specification Vol-III				
	6" Dia	P.Sft	500.00		
	10" Dia	P.Sft	750.00		
21	De-silting / Cleaning of Drain with manually / machine including removiand and cleaning of garbage after de-silting of drain including cartage of material	P.Cft	35,000.00		

TOTAL AMOUNT OF SCHEDULE ITEMS Rs. 17,530,400.00

TOTAL AMOUNT OF APPROVED / N.S ITEMS

OFFICE OF THE EXECUTIVE ENGINEER BUILDINGS-III

WORKS AND SERVICES DEPARTMENT KARACHI

QUOTED BID (SUMMARY)

NAME OF WORK :- **IMPROVEMENT OF SERVICES ROAD SHAHRAH-S-FAISAL FROM BALOUCH COLONY FLYOVER TO LAL QILA RESTAURANT, DISTRICT EAST, KMC, 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._____