

**OFFICE OF THE EXECUTIVE ENGINEER (SEW) GULSHAN-E-IQBAL (TOWN)
KARACHI WATER AND SEWERAGE BAOR**

SCHEDULE "B"

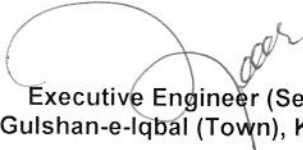
NAME OF WORK:- **DESILTING/ CLEANING OF 12" DIA CHOKED & SILTED SEWERAGE LINES INCLUDING RAISING OF MANHOLES AT DIFFERENT LOCATIONS IN BLOCK-03, BAHADURABAD ALONG BAHADUR SHAH ZAFAR ROAD, IN UC-02 FOR IMPROVEMENT OF SEWERAGE SYSTEM IN GULSHAN-E-IQBAL, (TOWN).**

Estimated Cost: On Item Rate Quotation Issued to M/S _____
 Earnest Money 2% of Biding Cost
 Tender Cost: Rs. 1000/= Vide Receipt No. _____ Dated: _____
 Time Limit: 20 - Days
 Penalty: Rs. 500/= per day.

S NO	DESCRIPTION	QUANTITY	RATE	PER	AMOUNT
1.	Cleaning inside sewerage line completely restoring original silt free space / diameter of pipe line by labour and equipment (mechanically / Electrically driven) i.c accessories like pulleys, steel ropes, buckets and draggers sizing from 6" to 18" dia their " to and fro " pulling action (No of passes shall be as many as required) would be under taken in two faces Phases (1 st phase entire land to down stream to up stream) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in 2 nd face from up stream to down stream of entire length insuring no silt is observed in buckets (6" dia to 18" dia) except only sewerage water and finally passing a steel ball of dia 12" less than the diameter of pipe. But not exceeding 48" dia ball even for larger dia of pipe to insure perfect cleaning . The job include all the hire / cost of equipment and accessories of above winching machine / devises along with / engine with winching drum sets having steel rope, pulley mounted over it , steel bucket from 6" dia to 18" dia, hocks and other protections like safety barriers, traffic signs, traffic cones, ensuring no damage to pipe line along with ensuring safety to labour and other public property / lives and removal of silt / solid during desalting and clearance of site etc complete as per full satisfaction of site engineer. 12" dia	3465 Rft.		P/Rft	
2.	Hire charges of steel shuttering both side for the construction of main hole (circular) at side i/c its erection in proper position and removal after concrete etc complete.	36 ft		P/Ft	
3.	Cement Concrete plain i.c placing compacting finishing & curing (i.c screening & washing of stone aggregate without shuttering). Ratio 1:2:4	307 Cft.		% Cft	
4.	Scarifying the existing road surface.	2450 Sft.		%Sft	
5.	Dismantling and removal road matling.	2450 Cft.		%Cft	

6.	Excavation for pipe line in trenches and pits in all kinds of soils of murum i.c trimming and dressing sides to true alignment and shape, leveling of beds of trenches to correct level and grade, cutting joint holes and disposal of surplus earth within one chain as directed by Engineering In charge, providing fence guards, lights, flags and temporary crossing for non vehicular traffic where ever required lift up to 5 ft and lead up to one chain. Lift 00'- 05'	7160 Cft.		%0Cft
7.	Excavation for pipe line in trench and pits in wet soils, clay or mud i/c trimming & dressing sides to true alignment and shape, leveling of beds of tranches to correct level and grade, cutting joint holes and disposal of surplus earth in one chain as directed by Engineer In-charge, providing fence guards, lights, flags, and temporary crossing for non vehicular traffic where ever required lift up to 5ft and lead up to one chain. Lift 00'- 05' Lift 05'- 08' Lift 08'- 11'	2640 Cft. 3173 Cft. 300 Cft.		%0Cft %0Cft %0Cft
8.	Providing & Laying of R.C.C. pipe with Rubber ring joint and fitting in trench including cutting, fitting and jointing with rubber ring i/c testing with water to specified pressure. 12" dia pipe	665 Rft.		Rft.
9.	Providing manhole 4ft dia (inside) and 5ft clear depth, with C.I. Frame (15 kg) cast in situ with 1:2:4 C.C in 9" thick wall, 1:4:8 C.C. in 6ft dia and 6" inch thick in foundation 1:2:4 C.C. in benching, ½" thick cement plastering with 1:3 C.M. on all inside wall surfaces, channel and benching i/c making required Nos of main and branch channels, ¾" dia M.S footrest @ 12" c/c i/c cost of excavation in all kinds of soil, backfilling and disposal of excavated stuff etc complete as per design and instruction of the Engineer In-charge.	07 Nos.		Each
10.	Add or deduct for extra / less depth than 5ft of 4ft dia manholes i/c footrest.	(+) 11.5 Ft.		P/Rft
11.	Full hire charges of the pumping set per day i/c of wages of driver and Assistant fuel or Electric Energy plate form required for placing pumps etc at lower depth with suction and delivery pipes for pumping out water found at various depth from trenches i/c the cost of erection and dismantling after completion of the job. Hire charges of pumping set upto 10 HP pumping out water from 10 feet deep trench.	14 Days		Day
12.	Making connection with the existing manhole i.c the cost of cutting hole in wall, making them good in C.C 1:2:4 and making required channel etc complete.	06 Nos		Each
13.	Manufacturing & supplying of RCC Ring Slabs of 21" dia (inside), 36" dia outside, 7.5" width and 6" thick i/c 3/8" dia tor steel bars two concentric rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks,, casted in 1:1 ½":3 concrete with embedded 15 Kgs C.I frame in perfect position i/c transportation charges for an average lead of 20 Km per trip from casting yard to town offices, (A minimum of 25 slabs per trip will be transported).	32 Cft.		Each

13.	Manufacturing & supplying of RCC Ring Slabs of 21" dia (inside), 36" dia outside, 7.5" width and 6" thick i/c 3/8" dia tor steel bars two concentric rings with 3/8" dia 8 Nos cross linked bars welded and two sunk type hooks., casted in 1:1 1/2":3 concrete with embedded 15 Kgs C.I frame in perfect position i/c transportation charges for an average lead of 20 Km per trip from casting yard to town offices. (A minimum of 25 slabs per trip will be transported).	32 Cft.		Each
14.	Shifting to the site and fixing of 36" dia (outer) Ring Slab in perfect position on damaged manholes i/c cutting of damaged portion of manhole in proper shape and laying of Cement Mortar of 2" thickness and disposal of the debris.	32 Cft.		Each
15.	Manufacturing and supplying R.C.C Manhole covers cast in 1:2:4 concrete ratio 3"inch deep at center, rain-forced with 1/2" dia tor steel bars @ 4" C.C etc, welded to 3/16" thick 2" wide M.S. plate two hooks of 3/8" dia tor bar i/c compacting i/c curing and transportation with in ten miles. 21" dia.	59 Cft.		Each
16.	Refilling the excavated stuff in trenches 6" thick layer i.c watering, ramming to full compaction etc complete.	13887 Cft.		%0Cft
17.	Carriage of 100 Cft/ 5 tons of all materials like stone aggregate, spawl, coal, lime, surkhi etc; B.G. Rail fastening points and crossing bridges, Girders, pipes sheets Rail, M.S. Bars etc; or 1000 Nos: bricks, 10"x5"x3" or 1000 Nos: tiles, 12"x6"x2" or 150 Cft of timber or 100 Maunds of fuel wood by trucks or any other means owned by the contractors. <u>Carriage for 07 Miles</u> (407.00 + 95.52 + 76.89 + 70.45 + 64.43 + 57.67 + 32.56 = 804.52)	1836 Cft.		%Cft


 Executive Engineer (Sew)
 Gulshan-e-Iqbal (Town), KW&SB

Bidder Quoted Amount Rs. _____ / = Rupees _____

Sign:/Stamp of Bidder _____

Address of Bidder _____