

SCHEDULE "B"

REHABILITATION / CONSTRUCTION OF ROAD AT MUHAMMAD NAGAR, DHABEJI LINK ROAD & SEWERAGE SYSTEM GULSHAN-E-ZIA, DISTRICT WEST, KARACHI

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
PART-A (Schedule Items)					
1	Earth work excavation undressed lead upto a single throw of Kassi, Phawrah or Shovel In Ordinary Soil	%oCft	48,000.00	Rs. 1,361.25	Rs. 65,340
2	Dismantling of Cement Concrete Plain Ratio 1:2:4 etc complete	% Cft	4,032.00	Rs. 3,327.50	Rs. 134,165
3	Dismantling and Removing Road Metalling etc complete	% Cft	92,916.00	Rs. 605.00	Rs. 562,142
4	Cleaning/Desilting of existing manhole/inspection chamber i/c cleaning and rodding of connected sewers (average 50'-0" per manhole removing sewage and solid waste and throwing out side KMC Limits.	P.Mnhl	50.00	Rs. 474.83	Rs. 23,742
5	Excavation for Pipe line in Trenches, and pits in Soft rock by Hammering and chieslling where blasting is not practicable or prohibited 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)	%oCft	36,800.00	Rs. 10,770.00	Rs. 396,336
6	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 RCC Pipe Line	P.Rft	1,400.00	Rs. 412.00	Rs. 576,800
	15" Dia RCC Pipe Line	P.Rft	1,000.00	Rs. 515.00	Rs. 515,000
7	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" (1067 mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick, inside of walls and 1" (25 mm) thick over benching and channel i/c fixing C.I manhole cover with frame of clear opening 1-1/2' x1-1/2' (457x457 mm) of 1.75 cwt. (88.9 kg) embaded in plain C.C 1:2:4 and fixing 1" (25 mm) dia M.S steps 6" (150 mm) wide projecting 4" (102 mm) from the face of wall at 12" (305 mm) C/C duly painted etc. Complete as per standard specification and drawing.	Each	48.00	Rs. 14,748.00	Rs. 707,904
8	Manufacturing and supply RCC manhole cover cast in 1:2:4 concrete ratio 3 inch deep at center reinforced 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	11.00	Rs. 913.63	Rs. 10,050
	24" Dia	Each	12.00	Rs. 1,051.25	Rs. 12,615

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
9	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	17.00	Rs. 1,500.00	Rs. 25,500
10	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc. complete.	%oCft	34,473.00	Rs. 2,760.00	Rs. 95,145
11	Cartage of 100 CFT / 5 tons of all material likes one aggregate, spawl, coal, lime, surkhi etc. B.G. Rait fastenings points & crossing Bridges Girders, Pipes, Sheets Raits, M.S. Bars etc. or 1000 Nos brinks, 10' x 5' x 3' or 1000 manuds of fuel wood by trucks or any other means owned by the contractors (Lead upto 15 Miles etc).	% Cft	144,948.00	Rs. 1,065.04	Rs. 1,543,754
12	Preparing Sub-Base by supplying and spreading well graded pit or bed run gravel having a liquit limt not greater than 25 and plasticity index not greater than 6 in proper camber and grade including 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 chanins).	% Cft	84,800.00	Rs. 3,341.71	Rs. 2,833,770
13	Providing and laying Aggregate base course in proper grade and camber having CBR 80% as per AASHTO standard specifications 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).	% Cft	48,000.00	Rs. 5,542.24	Rs. 2,660,275
14	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). 2" (50 mm) Thick Asphalt Concrete Wearing Course Plant Mix	% Sft	96,000.00	Rs. 8,274.73	Rs. 7,943,741
15	Making connection with the existing manhole i/c the cost of cutting hole in wall,making them good in CC 1:2:4 and making requaired channel etc complete.	Each	10.00	Rs. 180.00	Rs. 1,800

SR. #	Description	Unit	Quantity	Rate	Amount (Rs)
16	Cleaning inside sewerage lines completely restoring original silt free space/Diameter of pipe lines by Labour and equipment (Mechanically / Electrically Driver) i/c accessories 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.				
	12" Dia RCC Pipe Line	P.Rft	1,200.00	Rs. 80.50	Rs. 96,600
	15" Dia RCC Pipe Line	P.Rft	1,000.00	Rs. 96.60	Rs. 96,600

Total :- Rs. 18,301,279

Add / Deduct _____% on Items No. 5, 7, 8, 9, 15 & 16 :-

Add / Deduct _____% on Items No. 6 :-

Add / Deduct _____% on Items No. 14 :-

Add / Deduct _____% on Items No. 12 & 13 :-

Total (Schedule Items) :-

PART-B (Non-Schedule Items)

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|---|---|------|-------|--|
| 1 | Repair of leakages RCC pipe line under the roadway as directed by the Engineer Incharge.(O.R) | | | |
| | 15" Dia | Each | 4.00 | |
| | 18" Dia | Each | 5.00 | |
| | 24" Dia | Each | 6.00 | |
| 2 | Repair of Water leakages in MS pipe line under the roadway as directed by the Engineer Incharge.(O.R) | | | |
| | 15" Dia | Each | 4.00 | |
| | 18" Dia | Each | 4.00 | |
| 3 | 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.(O.R) | Each | 15.00 | |

Total (Non-Schedule Items) :-

Grand Total (Schedule + Non-Schedule Items) :-

Signature of Contractor with Stamp

EXECUTIVE ENGINEER
EDUCATION WORKS DISTRICT WEST
GOVERNMENT OF SINDH
KARACHI