

Santrampur Nagarpalika-Santrampur

Name Of Work : Annual Cleaning Estimate of Sewage Treatment Plant (3.0 MLD) based on Extended Aeration with Biological Nutrient Removal (BNR) at Santrampur Nagarplika For 6 Months

A	MAN POWER			
SR NO	DESCRIPTION	QTY.	RATE Rs.	AMOUNT Rs.
1	Environment Engineer	1	25,000.00	25,000.00
2	Civil Engineer	1	30,000.00	30,000.00
3	Mechanical Engineer	1	25,000.00	25,000.00
4	Electrician	1	19,500.00	19,500.00
5	Mechanic	1	19,500.00	19,500.00
6	Chemist	1	14,500.00	14,500.00
7	Operator/helper	4	13,500.00	54,000.00
8	Security Guard	1	13,500.00	13,500.00
	COST PER MONTH (Rs./month)			2,01,000.00
	Cost/Annum			24,12,000.00
B	CHEMICAL			
SR NO	DESCRIPTION	QTY (Kg/day)	RATE Rs.	AMOUNT Rs.
1	CHLORINE GAS 5MG/L	25	80.00	2,000.00
	COST PER DAY (Rs./day)			2,000.00
	Cost/Annum			7,30,000.00
C	SPARES, REPAIR & MAINTENACE COST			
SR NO	DESCRIPTION	RATE	CAPITAL COST	AMOUNT Rs.
1	CIVIL	1.00%	8,53,59,814.36	8,53,598.14
2	MECHANICAL, ELECTRICAL & INSTRUMENT	1.00%	8,53,59,814.36	8,53,598.14
	Cost/Annum			17,07,196.29
D	Screenings & Sludge Disposal cost- 10 Km			
SR NO	DESCRIPTION	QTY (ton/day)	RATE Rs./ton	AMOUNT Rs./d
1	DEWATERED SLUDGE + GRIT+ SCREENINGS	1.84	125.00	230.00
	Cost/Annum			83,950.00
E	LAB ANALYSIS COST			
SR NO	DESCRIPTION		RATE Rs./month	AMOUNT Rs./MONTH
1	CHEMICALS	1	5,000.00	5,000.00
2	GLASSWARE	1	1,500.00	1,500.00
3	INSTR. MAINTENANCE	1	1,500.00	1,500.00
4	LAB REPORT NABL	1	4,000.00	4,000.00
	Cost/Annum			1,44,000.00
F	Electricity Bill		Per Month	AMOUNT Rs./MONTH
	COST PER MONTH (Rs./month)	1	40,000.00	40,000.00
	Cost/Annum			4,80,000.00

ABSTRACT OF ANNUAL O & M COST		
SR NO	DESCRIPTION	Annual O & M cost
1	MAN POWER	24,12,000.00
2	CHEMICAL	7,30,000.00
3	SPARES, REPAIR & MAINTENACE COST	17,07,196.29
4	SLUDGE DISPOSAL	83,950.00
5	LAB ANALYSIS	1,44,000.00
6	Electricity Bill	4,80,000.00
	COST PER ANNUM (Rs./annum)	55,57,146.29
	Total Cost	55,57,146.29
	Add GST @18%	10,00,286.33
	TOTAL O & M COST One Year	65,57,432.62
	O & M /month	5,46,452.72
	TOTAL O & M COST 6 Months	32,78,716.31
	Add Contingency Charge 3%	98,362.00
	Total Amount	33,77,078.31
	Say Rs.	33,77,078.00