

ABSTRACT ESTIMATE

**DEPOSIT-PROVIDING PUMPING SYSTEM & PUMPING MAIN FROM INTAKE WELL
AT CHAKKAKANAM TO TANK AT NEDUMKANDAM TALUK HOSPITAL-PROVIDING
PUMPING SYSTEM & PUMPING MAIN FROM INTAKE WELL AT
CHAKKAKANAM TO TANK AT NEDUMKANDAM TALUK HOSPITAL-General Civil
Work**

SI No	Specification	Quantity	Rate	Amount
1	Cost of materials			
1.001	OD95359/2022-2023 Supply of 100mm GI medium pipe			
	Net Total	2460.000metre	@1181.25/metre	2905875.00
1.002	OD95371/2022-2023 5 % specials for 100 mm GI pipe			
	Net Total	2460.000metre	@59.03/metre	145213.80
1.003	100.98.440 Supply of CI Air Valve, Conforming to IS 14848 - 2000, Single Orifice, Small Orifice Type S1, Size 25mm.			
	Net Total	3.000no	@5636.76/no	16910.28
1.004	100.98.429 Supply of CI Non Return Valve, Conforming to IS 5312 Part I - 1984, PN 1.6, Size 100mm.			
	Net Total	1.000no	@8668.27/no	8668.27
	Heading Total(Rs)			3076667.35
2	WORKING CHARGES			
2.001	100.12.9 Conveying and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc., but excluding cost of pipes and fittings for External work: 100mm diameter nominal bore.			
	Net Total	2460.000metre	@245.48/metre	603880.80
2.002	100.32.1 Conveying and fixing C. I. Single Acting Air Valve of approved quality with bolts, nuts, rubber insertions etc., complete, but excluding the cost of air valve (tail pieces, if required, will be paid separately): 25mm Single Acting Air Valve.			
	Net Total	3.000no	@146.63/no	439.89
2.003	100.31.1.2			

SI No	Specification	Quantity	Rate	Amount
	Conveying and fixing C.I. sluice valves (with cap) by providing bolts, nuts, rubber insertions etc., complete, but excluding the cost of the valve (tail pieces, if required, will be paid separately): 100mm diameter, Class I.			
	Net Total	3.000no	@925.37/no	2776.11
2.004	5.1.3			
	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level:1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)			
	Net Total	3.038cum	@8964.75/cum	27234.91
2.005	5.9.1			
	Centering and shuttering including strutting, etc. and removal of form for: Foundations, footings, bases of columns, etc for mass concrete			
	Net Total	27.000sqm	@350.00/sqm	9450.00
2.006	OD101032/2022-2023			
	100 mm GI pipes by cutting and Joining by three run welding to make a water tight joint, painting the welded portion , testing the line to the required pressure , including the charges hire and conveyance of tools , plant and material to site , lighting, watching, ribbon fencing , caution boards, traffic diversion , necessary scaffolding including the cost of specials but excluding cost of pipe and as per the direction of departmental officers etc.. complete.			
	Net Total	41.000no	@688.90/no	28244.90
	Heading Total(Rs)			672026.61
3 Supply, erection, testing and commissioning of 20HP submerged pump set				
3.001	OD95641/2022-2023			
	Design, Supply, testing, erection and commissioning of submerged pumpsets with required starter, cables etc as per I.E.Rules for an operating head of 140 m and a total discharge of 6.5 lps, including cost of all required protection equipments , relays as per IE Rules , Supply of pressure gauges, Electric connection , interconnection with the Raw water pumping main, trail run etc. including cost of 30 m cable length for each pumpset , specials required for carrying out the connections etc complete. 1.			
	Net Total	1.000set	@326500.00/set	326500.00
	Heading Total(Rs)			326500.00
	Total Estimation PAC			4075193.96
5 Extra Charges				
4.001	Provision for GST			
		4075193.96	18.00%	733534.91
	Grand Total			4808728.87
	Round off			271.13

SI No	Specification	Quantity	Rate	Amount
			Rounded Total(Rs)	4809000.00
	Rupees Forty Eight Lakh Nine Thousand			

