

ABSTRACT ESTIMATE

**Jal Jeevan Mission (JJM)-JJM PROVIDING FHTCS TO ALL HOUSEHOLD IN ERATTAYAR
AND KAMAKSHI (PART) PANCHAYATHS IN IDUKKI DISTRICTS-Soil investigation for
WTP-Investigation Work**

SI No	Specification	Quantity	Rate	Amount
1	SOIL INVESTIGATION			
1.001	OD134276/2022-2023 Mobilization including transportation, loading and unloading charges, assembling and dismantling of all necessary plant, machinery and labor to site for conducting field boring and sampling stacking at the sides of road and demobilization after completing the work			
	Net Total	1.000set	@14992.64/set	14992.64
1.002	2.31 Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared			
	Net Total	80.000sqm	@15.40/sqm	1232.00
1.003	OD134277/2022-2023 Conveyance of Plant and machines from the stacking place of road side by using channels angle irons, GI pipes crow bars and place the unit near to the boring point.			
	Net Total	3.000job	@2398.87/job	7196.61
1.004	OD134278/2022-2023 Setting up boring equipment at each bore hole location including carrying all necessary plant, equipment and materials of boring and field test and collection of samples at each bore hole in bank portion.			
	Net Total	3.000no	@8060.91/no	24182.73
1.005	OD134279/2022-2023 Boring through soil : Conducting standard penetration tests and collection of samples up to a depth of 10m			
	Net Total	30.000metre	@1510.58/metre	45317.40
1.006	OD134280/2022-2023 Boring though weathered rock/ soft rock/hard laterite/dense sand/ gravel and collection of samples in bank portion			
	Net Total	4.700metre	@3911.80/metre	18385.46
1.007	OD134281/2022-2023			

SI No	Specification	Quantity	Rate	Amount
	Boring through hard rock/ boulder/ dense gravel and collection of samples			
	Net Total	3.000metre	@3433.95/metre	10301.85
1.008	OD134282/2022-2023			
	Compilation of field data with recommendation by Reputed agencies for a suitable foundation after conducting necessary lab test (Report in triplicate which consists of bearing capacity of soil etc.) - Additional set for machine boring (Extra for bore holes exceeding 5 nos), and submitting 2 copies of report consisting of each and every detail of location, borehole profiles and cross sections, description of soil strata,etc			
	Net Total	3.000no	@5497.62/no	16492.86
	Heading Total(Rs)			138101.55
	Total Estimation PAC			138101.55
3	Extra Charges			
2.001	Provision for GST			
		138101.55	18.00%	24858.28
	Grand Total			0.00
	Round off			0.00
	Rounded Total(Rs)			162959.83
	Rupees One Lakh Sixty Two Thousand Nine Hundred and Fifty Nine			