

PROCEEDING OF THE SUPERINTENDING ENGINEER (General) (i/c),
GROUND WATER DEPARTMENT , JALAVIJNANABHAVAN,
AMBALAMUKKU, KOWDIAR.P.O, THIRUVANANTHAPURAM
(Present: Smt. Rini Rani.S)

Sub: Ground Water Department – Thiruvananthapuram -Implementation of MWSS at Adayamon UPS, Pazhayakunnumel Grama Panchayath in Thiruvananthapuram District under Ground Water Based Drinking Water Supply Scheme – Technical sanction accorded -orders issued.

ORDER NO. T(1)/ 2408/2022/DGW

DATED : 15.06.2022

- Read :** 1) Letter No GW/DOT/850/2021 dated: 11/05/2022 from District Officer, Ground Water Department, Thiruvananthapuram.
2) Order No. T(1)-2408/2022 of Director, Groundwater Department, Thiruvananthapuram dated 02/06/2022.

ORDER

As per the letter read 1st, District Officer, Ground Water Department, Thiruvananthapuram has forwarded a proposal with detailed estimate for an amount of Rs. 3,07,000/- for implementation of Mini Water Supply Scheme at Adayamon UPS, Pazhayakunnumel Grama Panchayath in Thiruvananthapuram District under Ground Water Based Drinking Water Supply Scheme for the year 2022-2023.

The proposal for the implementation of Mini Water Supply Scheme, submitted by the District officer has been verified and the amount is found correct as Rs. 3,07,000/- (Rupees Three lakh seven thousand only).

As per the order read as 2nd paper administrative sanction for an amount of Rs. 3,07,000/- has been accorded by the Director of Groundwater Department.

After examining the matter in detail technical sanction is hereby accorded to the District Officer, Ground Water Department, Thiruvananthapuram for an amount of Rs. 3,07,000/- (Rupees Three lakh seven thousand only) for the implementation of Mini Water Supply Scheme at Adayamon UPS, Pazhayakunnumel Grama Panchayath in Thiruvananthapuram District under Ground Water Based Drinking Water Supply Scheme.

The District Officer should ensure that the work is carried out as per Government rules and that the scheme satisfies all the norms and conditions of Ground Water Based Drinking Water Supply Scheme. The scheme after completion should be handed over to the beneficiary committee. The beneficiary committee should run and carryout further maintenance of the scheme and meet all expenditure for the purpose. The work should be supervised by the technical staff of the Department. District Officer should also make sure that the payment is made only as per the actual quantity and measurement of each item.

The expenditure in this regard can be met from the fund available under the head of account "4702-00-102-94 (01) Ground Water Based Drinking Water Scheme (P)" for the financial year 2022-2023.


Superintending Engineer (General) (i/c)

Encl: Verified Estimate

To:

✓ District Officer, Ground Water Department, Thiruvananthapuram

Copy To

**ESTIMATE FOR THE IMPLEMENTATION OF MINI WATER SUPPLY
SCHEME**

Name of site : Adayamon UPS
Name of Panchayat : Pazhayakunnummel
Name of Constituency : Attingal.
No. of beneficiaries : 360 Pupils & Staff

I DETAILS OF BORE WELL CONSTRUCTION

Total depth drilled - 100 m
 Over Burden drilled - 19.5 m
 Yield - 1000 lph

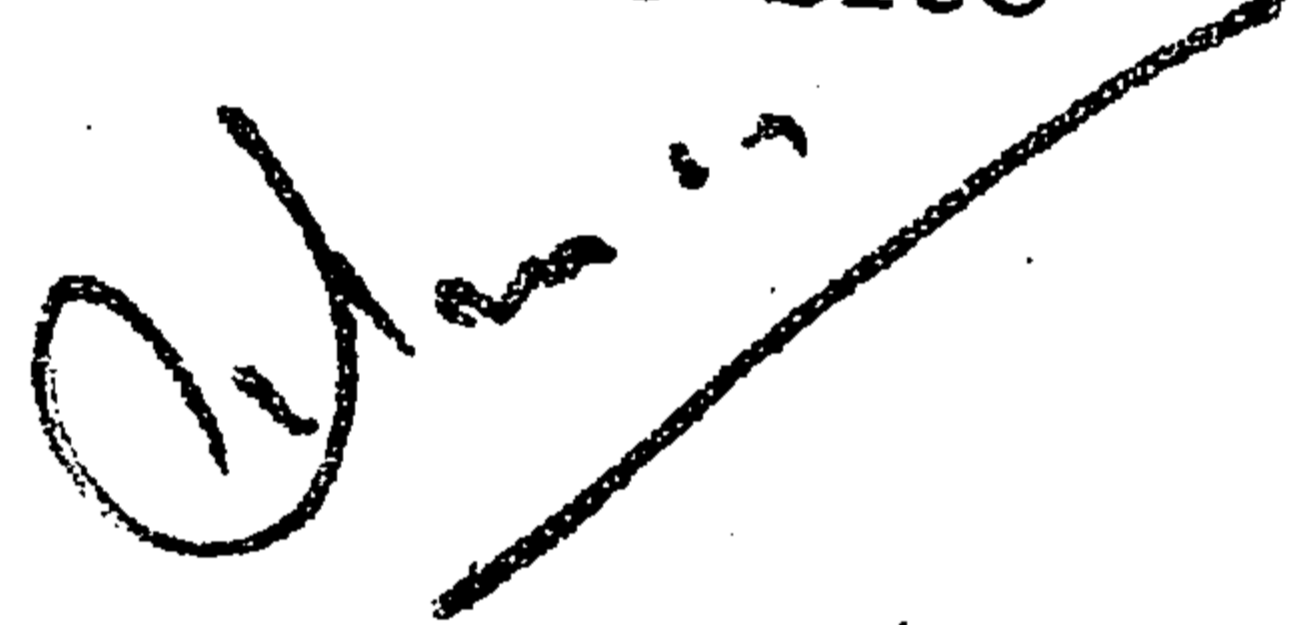
II PUMPING SYSTEM					
Submersible pump and Connected Materials					
Sl.No	Details or description	Rate	Unit	Qty	Amount
1	Supply of 2 HP single Phase motor with Compressor pump 1 set	22950	set	1	22950
2	½" dia GI pipe B class including ½" dia GI fittings.	242	m	12	2904.00
3	Resting clamp 1"	235	set	2	470.00
4	Compressor pump fitting charge including conveyance, hiring charges of tools and labours etc complete.	4101.60	No	1	4101.60
5	½" and 1" GI fittings like GI socket, union, elbow etc (L.S) <i>(As per actually used)</i>		LS		2500.00
6	Fixing fully wired single phase panel board including all materials, labour, earthing charge etc complete	10851.63	set	1	10851.63
7	20 mm threaded PVC airline 10 kg/cm ² ISI	55	m	105	5775.00
8	4 mm UG cable	150	m	30	4500.00
Total					54,052.23


III Pumping and Distribution System					
1	Supply and fixing of PVC Water tank	10.37	L	1000	10,370.00
2	Water tank foundation of 4 m height using pre-fabricated MS angle iron, including all materials, labour, conveyance etc complete.	77286.3	No	1	77,286.30
3	40 mm Tank Connector	160	No	1	160.00
4	32 mm PVC pipe 10 kg/cm ² for pump erection and pumping main and distribution including 5% specials. <i>with trenching</i>	238.74	m	150	35,811.00
5	25 mm PVC pipe 10 kg/cm ² including 5% specials. <i>with trenching</i>	216.03	m	125	27,003.75
6	32 mm full way valve (GM)	684.19	No	2	1,368.38
7	25 mm full way valve (GM)	584.89	No	1	584.89
8	Trenching & refilling the entire trench for UG cable	133.33	m	30	3,999.90
9	Well protection cover using brick masonry and R.C.C slab 1No including all materials, labour and conveyance etc.	4420.23	No	1	4,420.23
10	Pump protection cover	13700	No	1	13,700.00
11	Supply and fixing hydrant with tap and construction of hydrant platform including all materials and labour etc.	2618.78	No	6	15,712.68
Total					1,90,417.13
IV Pump house					


Supply of metallic fabricated pump house using angle iron, flat, and AC Sheet etc door and locking facility all materials, labour, conveyance etc complete of size 1.2 x 0.9 x 2 m	27118	No	1	27118
Total				27118
II + III + IV				2,71,587.36
12% GST				32,590.48
Unforeseen Expenditure				2,822.16
Grand Total				3,07,000.00

CERTIFICATE

Certified that the estimate of the scheme has been prepared as per the department rate and local market rate considering the site condition and also certified that the site confirm the norms of GWDWSS.


DISTRICT OFFICER


 JST


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