

**PROCEEDINGS OF THE SUPERINTENDING ENGINEER (GENERAL) i/c**  
**GROUND WATER DEPARTMENT, JALAVIJNANA BHAVAN,**  
**AMBALAMUKKU, THIRUVANANTHAPURAM**  
**( PRESENT: Smt. Rini Rani.S )**

Sub: Ground Water Department – Pathanamthitta - Implementation of Mini Water Supply Scheme at – Idippukallu Angamoozhy ward, Seethathodu Grama Panchayath in Pathanamthitta District under Groundwater based drinking water supply scheme – Technical sanction accorded - orders issued.

**ORDER NO:- T(1) / 3082/2022/DGW**

**Dated: 05.07.2022**

Read:- 1. Letter No. GWD/748/2019, dated 10-05-2022 from District Officer, Ground Water Department, Pathanamthitta.  
2. Order No. T(1) 3082/2022/DGW dated:28/06/2022 of Director, Ground Water Department, Thiruvananthapuram.

**ORDER**

As per the letter read 1<sup>st</sup> , District Officer, Ground Water Department, Pathanamthitta has forwarded a proposal with detailed estimate for an amount of Rs. 7,92,000/- for the implementation of mini water supply scheme at Idippukallu Angamoozhy ward, Seethathodu Grama Panchayath in Pathanamthitta District under Groundwater based drinking water supply scheme for the year 2022-23.

The proposal for the implementation of Mini Water Supply Scheme submitted by the District Officer has been verified and the amount is limited to Rs. 7,90,000/- (Rupees Seven lakhs and ninety thousand only).

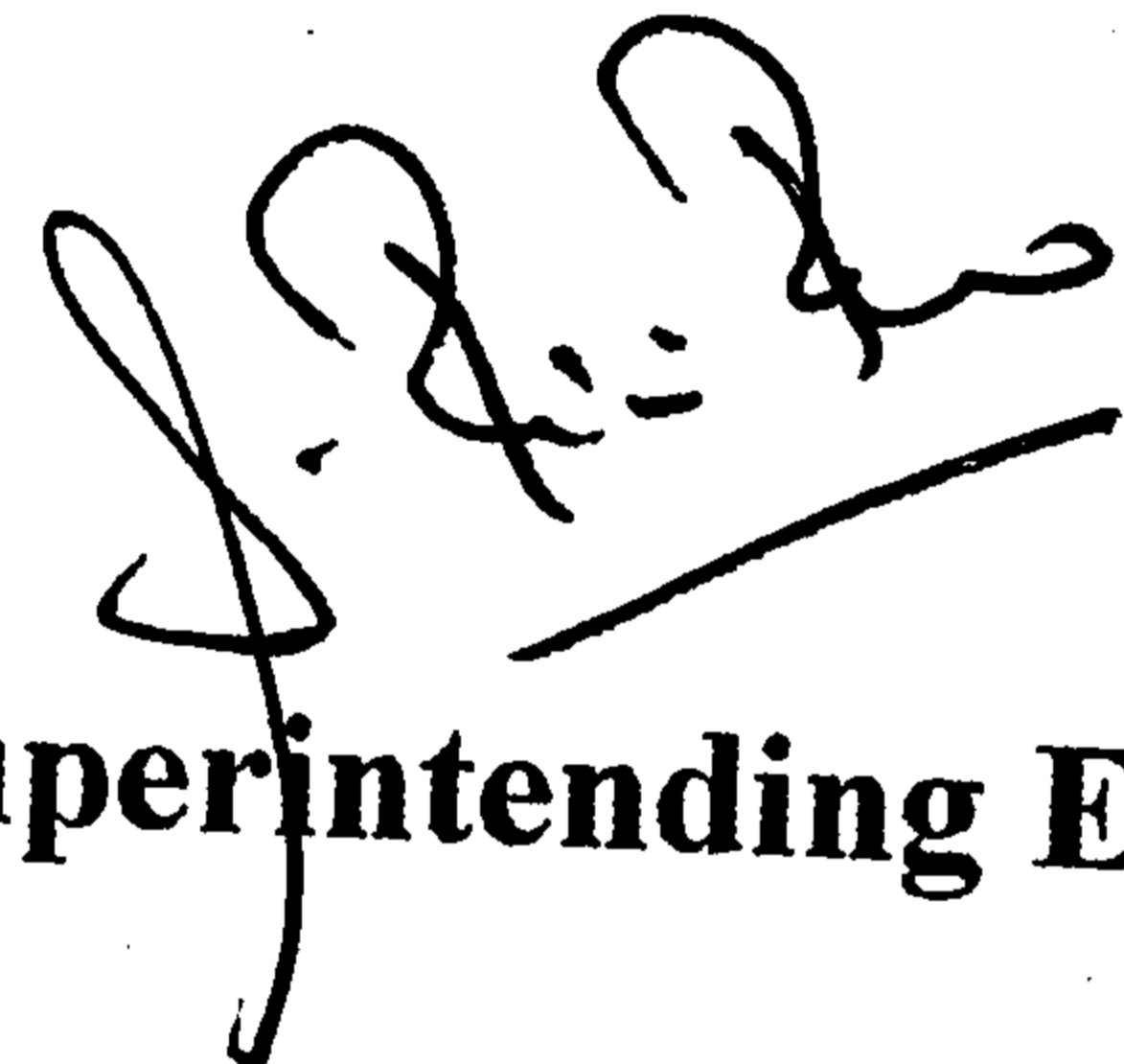
As per the order read as 2<sup>nd</sup> paper Administrative Sanction for an amount of Rs. 7,90,000/- (Rupees Seven lakhs and ninety thousand only) has been accorded by the Director of Ground Water Department.

After examining the matter in detail, technical sanction is hereby accorded to the District Officer, Ground Water Department, Pathanamthitta for an amount of Rs. 7,90,000/- (Rupees Seven lakhs and ninety thousand only) for the implementation of mini water supply scheme at Idippukallu Angamoozhy ward, Seethathodu Grama

Panchayath in Pathanamthitta District under Groundwater based drinking water supply scheme

The District Officer, Ground Water Department, Pathanamthitta 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 carry out 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 budget provision of Rs. 400 lakhs under the Head of account "4702-00-102-94 - Ground Water Based Drinking Water Scheme" for the financial year 2022-2023. The District Officer should intimate the date of completion of the scheme.

  
Superintending Engineer (General) i/c

Encl: Verified Estimate

To

The District Officer, Ground Water Department, Pathanamthitta

Copy to : T(1) seat/SF



1.3729

**Ground Water Department, District Office, Pathanamthitta**  
**Estimate for Micro Water Supply Scheme at Angamoozhy- Idippukallu ,Ward-4, Seethathodu GP**

Beneficiaries :27 family      Yield of well : 5000 lph

SL NO	ITEMS	RATE(Rs)	QUANTITY	Amount (Rs)
1	Well protection <i>(As per actual measurement)</i>	5764 /e	1 no	5764
2	Supplying of three phase 2 HP Submersible pump 18 stage,- with ISI Mark	20825 /e	1 no	20825
3	Supplying, laying joining PVC 20mm electric wiring pipe	16.8 /m	20 m	336
4	Cost of 4 mm <sup>2</sup> Submersible electrical Cable 3 core -with ISI Mark	145 /m	60 m	8700
5	Cost of 40mm(1 1/4") UPVC pipe -with ISI Mark ,25 Kg/cm <sup>2</sup>	295 /m	39 m	11505
6	Supplying and fitting 40mm SS adapter for UPVC	800 /set	1 no	800
7	Nylon rope-14mm	41 /m	45 m	1845
8	Supplying, laying, jointing 40mm Non-return valve(G.M)	944 /e	1 no	944
9	Submersible pump erection charges up to 3 HP	7911 /set	1 no	7911
10	Pumping line Supplying, laying joining 32 mm B class GI pipe((including trenching and refilling)	506.12 /m	88 m	44538.56
11	Construction of Pump house using brick work and RCC roof of inner size 1.2m x0.9m x 2 m --details attached <i>(As per actual measurement)</i>	<del>36500</del> 37000 /e	1 no	37000
12	Electrification work of three phase panel board	27938 /e	1 no	27938
13	Three phase power connection charge to K.S.E.B,(As per actual bill)	8000 /con	1 con	8000
14	PVC Water tank (ISI)5000 Ltr - including conveyance in mini lorry+head load, labour for tank fitting and lifting of tank to top of structure	10.5 /lit	5000 lit	52500
15	Water tank platform(2.2*2.2*0.3) -Details attached	34200 /e	1 no	34200
16	Delivery line Supplying, laying joining 65 mm B class GI pipe(including trenching and refilling)	853.4 /m	70 m	59738
17	Delivery line Supplying, laying joining 75mm 6kg/cm <sup>2</sup> PVC Pipe(including trenching and refilling)	326.13 /m	336 m	109579.68
18	Delivery line Supplying, laying joining 50mm 10 kg/cm <sup>2</sup> PVC (ISI) Pipe(including trenching and refilling)	274.04 /m	330 m	90433.2
19	Delivery line Supplying, laying joining 40mm 10 kg/cm <sup>2</sup> PVC(ISI) Pipe(including trenching and refilling)	266 /m	50 m	13300
20	Delivery line Supplying, laying joining 32mm 10 kg/cm <sup>2</sup> PVC(ISI) Pipe(including trenching and refilling)	<del>242.64</del> 240.64 /m	50 m	12132
21	Delivery line Supplying, laying joining 25mm 10 kg/cm <sup>2</sup> PVC(ISI) Pipe(including trenching and refilling)	218 /m	450 m	98100
22	Tank connector-63 mm	275 /e	2 no	550
24	Supplying, laying joining 65mm GM fullway wheel valve	1773.6 /e	2 no	3547.2
25	Supplying, laying joining 40mm GM fullway wheel valve	808.54 /e	2 no	1617.08
26	Supplying and fixing Hydrants with 1/2"Tap of size 0.6m x 0.3m platform and concrete pedestral with 110mm PVC pipe(ISI)	1973 /e	27 no	53271
27	Add GST 12% <i>(except 13)</i>			84608.966
28	Unforseen items if any			2316.31
	TOTAL			792000

Seven Lakh Ninty two Thousand Rupees only

7,90,000

7,90,000

*Pasha*  
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*Handwritten signature*

District Officer  
 ജി.എ.എ. ഡി.ഒ. ഓഫീസ്  
 പാതാമുത്തം ഡി.ഒ. ഓഫീസ്  
 പാതാമുത്തം ഡി.ഒ. ഓഫീസ്



**Ground Water Department, District Office-Pathanamthitta**

**Estimate for Pump house for Micro Water supply scheme**

Sl. No.	Particulars	No.	Length	Breadth	Height	Quantity	Amount Rs.
1	Earth work excavation in hard soil for foundation Say 0.83 M <sup>3</sup> @ Rs.300.7/M <sup>3</sup>	1	3.6	0.6	0.3	0.65	195.46
2	Random Rubble masonry in Cement Mortar 1:6 for Basement 1.14 Say 1.45 M <sup>3</sup> @ Rs.7295.1/M <sup>3</sup>	1	3.6	0.6	0.3	0.65	8316.41
		1	3.6	0.45	0.3	0.49	
3	Earth filling Say 0.05 M <sup>3</sup> @ Rs.300.7/M <sup>3</sup>	1	0.6	0.3	0.3	0.05	13.09
						0.05	15.04
4	Brick work in cm 1:6 using country burnt bricks of size 19 X 9 x 9cm for super structure in ground floor upto 5 m height Deduction for opening Step Total Say 0.73 M <sup>3</sup> @ Rs.9046.7/M <sup>3</sup>	1	4.6	0.1	2	0.92	
		1	1	0.1	1.8	0.88	
		1	0.6	0.3	0.15	0.03	6965.96
						0.73	6604.00
5	RCC 1:2:4 for roof slab including cost and conveyance of materials, labour etc, excluding reinforcement Say 0.29 M <sup>3</sup> @ Rs.11637/m <sup>3</sup>	1	1.7	1.7	0.1	0.29	3375.00
6	Tore steel reinforcement for RCC works @ 80kg/m <sup>3</sup> Say 23.2kg @ Rs97.9/kg					23.2	2271.28
7	Centring and shuttering for roof slab sides Say 3.57 m <sup>2</sup> @ Rs.826/M <sup>2</sup>	1	1.7	1.7		2.89	
		4	1.7	0.1		0.68	
						3.57	2949.00
8	Flooring PCC in 1:2:4, Say 0.08 M <sup>3</sup> @ Rs.8091/M <sup>3</sup>	1	1.2	0.85	0.07	0.07	566.00
9	Plastering in 1:4, 12mm thick inside and out side of pumphouse Deduction for opening Roof Roof -sides Step -top Step -sides Total Say 22 M <sup>2</sup> @ Rs.318/M <sup>2</sup>	2	4.4	4.6	2	16.4	
		2	1		1.8	3.6	
		2	1.7		1.7	5.78	
		1	6.8		0.1	0.68	
		1	0.6		0.3	0.18	
		1	1.2		0.15	0.18	
						20.82	6575.16
						21.62	6996.00
10	Supplying and providing door in 16 g GI sheet and angle iron frame with proper locking arrangement and painting (as per actual measurement)					LS	4500.00
11	White washing and Painting @Rs.34/m <sup>2</sup> (as per rate)					22	748.00
12	Unforeseen items if any						464.00
	Grand Total					Rs.	37000.00

Rs. 37,000 /- (Rupees thirty seven thousand only)

District Officer



36500



