

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

Sub: Ground Water Department – Kottayam - Implementation of Mini Water Supply Scheme at Mundamattom, Mundakkayam Grama Panchayath in Kottayam District under Groundwater based drinking water supply scheme – sanctioned orders issued.

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**ORDER NO:- T(1) / 2141/2022/DGW**

**Dated: 21 .07.2022**

Read:- 1. Letter No. GWK/1120/2021, dated: 31-03-2022 from District Officer, Ground Water Department, Kottayam.  
2. Order No. T(1) 2141/2022/DGW dated: 20/07/2022 of Director, Ground Water Department, Thiruvananthapuram.

**ORDER**

As per the letter read, District Officer, Ground Water Department, Kottayam has forwarded a proposal with detailed estimate for an amount of Rs. 12,65,000/- for the implementation of mini water supply scheme at Mundamattom, Mundakkayam Grama Panchayath in Kottayam 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. 12,40,000/- (Rupees Twelve lakhs and forty thousand only).

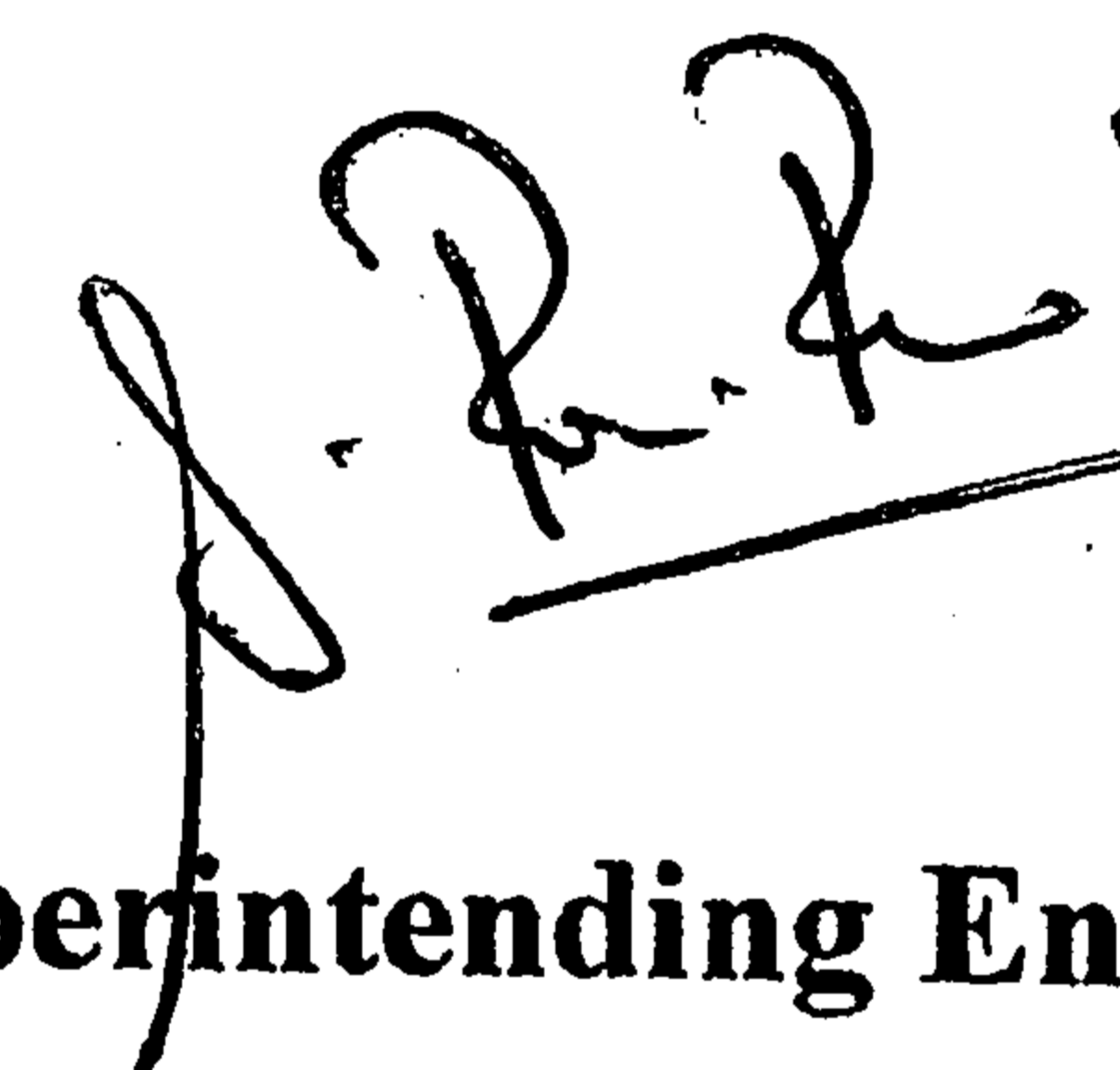
As per the order read as 2<sup>nd</sup> paper Administrative Sanction for an amount of Rs. 12,40,000/- (Rupees Twelve lakhs and forty thousand only) has been accorded by the Director of Ground Water Department for implementation of the above scheme.

After the examining the matter in detail, technical sanction is hereby accorded to the District Officer, Ground Water Department, Kottayam for an amount of Rs. 12,40,000/- (Rupees Twelve lakhs and forty thousand only) for the implementation

of mini water supply scheme at Mundamattom, Mundakkayam Grama Panchayath in Kottayam District under Groundwater based drinking water supply scheme.

The District Officer, Ground Water Department, Kottayam 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(01) Ground Water Based Drinking Water Scheme (P)" for the financial year 2022-2023. The District Officer should intimate the date of completion of the scheme before the end of the financial year.



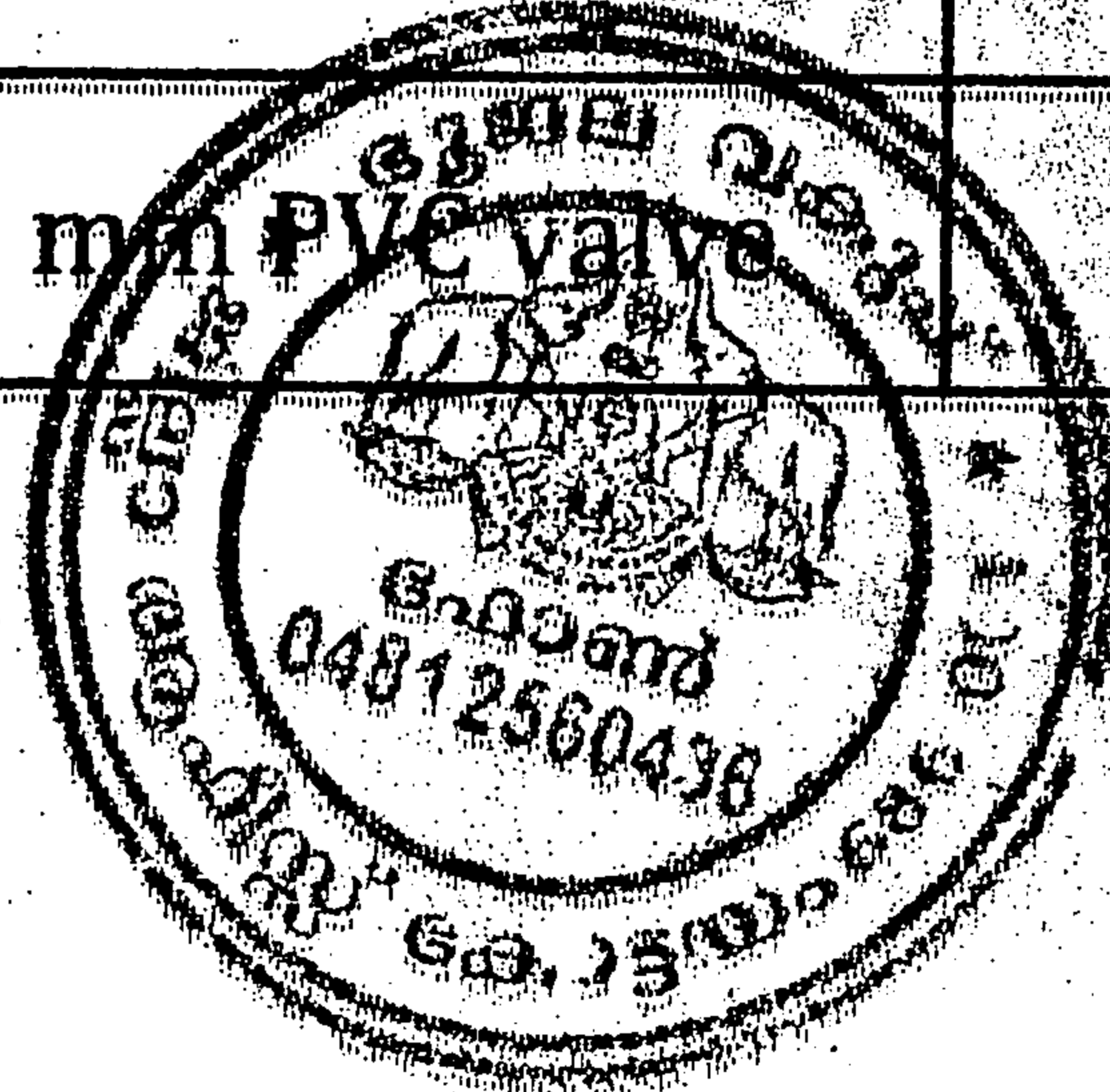
**Superintending Engineer (General) i/c**

To

1. The District Officer, Ground Water Department, Kottayam.
2. SE /EE/FO/OC/SF

**REVISED ESTIMATE FOR IMPLEMENTATION OF MINI WATER  
MUNDAMATTAM, W-20  
MUNDAKKAYAM GRAMA PANCHAYATH  
KOTTAYAM DISTRICT**

1	Borewell developing charge	1	No	@	5790	/e	5790.00	/
2	Fabricaiton and installation of pre fabricated metallic pump house 1.2 x 0.9 x 2m <i>(As per actual measurement)</i>	1	no	@	27288	/e	27288.00	/
3	Construction of well protection cover <i>(As per actual measurement)</i>	1	no	@	4447.94	/e	4447.94	/
4	Power connection from KSEB ( as per the actual bill from KSEB )	1	no	@	25000	/e	25000.00	/
5	Electrification charge for three phase including pannel board	1	no	@	27912.7	/e	27912.66	/
6	Supply of 7.5 HP compressor pump with motor- including 15 % CPOH	1	No	@	65000	/e	65000.00	42500
7	Fabrication and installation of mettalic Pump cover for 7.5 HP compressor pump 1.1 x 0.8 x 0.9 <i>(As per actual measurement)</i>	1	No	@	6835	/e	6835.00	6403
8	Supply fitting of 40mm Dia ISI UPVC pipe for erecting the pump	90	m	@	295	/m	26550.00	/
9	Supply and fixing of 6mm <sup>2</sup> cable	15	m	@	210	/m	3150.00	/
10	Supply and fixing of nylon rope (14mm thick)	120	m	@	41	/m	4920.00	/
11	Supply fitting of 25mm Dia GI pipe for erecting the pump	100	m	@	316.45	/m	31645.00	/
12	Pump erection charge	1	no	@	4127.31	/e	4127.31	/
13	Fabricated metallic angle Iron structure to support 5000 litres capacity PVC water tank at 4 m height <i>(As per actual measurement)</i>	1	no	@	81864	/e	81864.00	/
14	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank as per DSR item 18.48	5000	L	@	10.44	/L	52200.00	/
15	Supply and fitting of 40mm SS adaptor	1	No	@	800	/e	800.00	/
16	Supply and fitting of 40mm C Clamp	2	No	@	450	/e	900.00	700
17	Providing and fixing of 63 mm PVC valve	4	No	@	340	/e	1360.00	/
18	Providing and fixing of 50 mm PVC valve	2	No	@	300	/e	600.00	/



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19	Providing and fixing of 40 mm PVC valve	2	No	@	235	/e	4
20	Providing and fixing of 63mm dia Tank Connector	2	No	@	305	/e	610.0
21	Supplying joining and laying of 63mm 6Kg/cm <sup>2</sup> PVC pipe including conveyance, specials, fitting charges, testing of joints etc	125	m	@	310.49	/m	38811.25
22	Supplying joining and laying of 50mm 10Kg/cm <sup>2</sup> PVC pipe including conveyance, specials, fitting charges, testing of joints etc -with Trenching	190	m	@	273.84 <u>273.9</u>	/m	51887.1 <u>52041.00</u>
23	Supplying joining and laying of 40mm 10Kg/cm <sup>2</sup> PVC pipe including conveyance, specials, fitting charges, testing of joints etc -with Trenching	390	m	@	265.07	/m	103377.30
24	Supplying joining and laying of 32mm 10Kg/cm <sup>2</sup> PVC pipe including conveyance, specials, fitting charges, testing of joints etc	485	m	@	239.69 <u>241.69</u>	/m	116249.2 <u>117219.65</u>
25	Supplying joining and laying of 25mm 10Kg/cm <sup>2</sup> PVC pipe including conveyance, specials, fitting charges, testing of joints etc -with Trenching	640	m	@	216.98	/m	138867.20
26	Supplying joining and laying of 40mm GI B class pipe including conveyance, specials, fittings, testing of joints etc	550	m	@	419.45	/m	230697.50
27	Fabrication and installation of Hydrants with Tap ( for individual families of size 0.6 x 0.3 m platform)	28	No	@	1964.68	/e	55011.04
28	Concrete Road Filling 1:2:4, 20mm with nominal size graded stone as per DSR item 4.1.3	3	m <sup>3</sup>	@	5482	/m <sup>3</sup>	16446.00
29	Concrete road cutting	20	m	@	250	/m	5000.00
<b>TOTAL</b>					110468		<u>1128940.85</u>
(Concept Item 1 & 4) GST 12%					128867.4		135472.90
Unforeseen expences					647.61		586.25
<b>GRAND TOTAL</b>					124000		<u>1265000.00</u>

*Project 072*

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**DISTRICT OFFICER**  
 DISTRICT OFFICER  
 GROUND WATER DEPARTMENT  
 BELLARY

**DISTRICT OFFICE, GROUND WATER DEPARTMENT, KOTTAYAM**

**Detailed Estimate for Metallic Pump Cover of size 1.1 x 0.8 x 0.9 m**

Sl. No.	Item	No.	L	B	D	Total	Unit	Rate	Rate (index)	Amount
a	Surface dressing of the ground including removing vegetation and									
	Area	1	1.5	1	1	1.50				
	Total					1.50	m <sup>2</sup>	21.12	28.82	43.23
b	Earth work in excavation by mechanical means (Hydraulic									
	Foundation	1	1.5	1	0.2	0.30				
	Total					0.30	m <sup>3</sup>	219.02	298.83	89.649
c	Providing and laying in position cement concrete 1:4:8 (1 cement :									
	Foundation	1	1.5	1	0.3	0.45			6857.61	
	Total					0.45	m <sup>3</sup>	5026.1	7243.5	3269.575
e	12 mm cement plaster of mix 1:4 (1 cement : 4 fine sand) as per DSR item									
	Outside	1	4.8	0.1	0.1	0.06	m <sup>2</sup>			
	Top	1	0.9	1.5	0.1	0.16	m <sup>2</sup>		315.18	
	Total					0.22	m <sup>3</sup>	231.67	333.88	73.32
h	Structural steel work including wastage, cutting, hoisting, fixing in									
	<b>MS Sq Tube 25mm</b>	No.	L	Total			Total Weight	Unit	Rate	
	Front & Back bottom	4	1.1	4.4						
	Side top & bottom	4	0.8	3.2						
	Front & Back corner	4	0.9	3.6						
	Door Horizontal	2	0.9	1.8						
	Door vertical	2	1.1	2.2					102.49	
1	Total Length			15	1.4	Kg/m	21.7		75.12	108.26
i	MS Weld Mesh work including wastage, cutting, hoisting, fixing in									
	MS Weld Mesh	L	B							
	Front side	1.1	0.9	1						
	Back side	1.1	0.9	1						
	Side	0.8	0.9	0.7						
	Side	0.8	0.9	0.7						
	Total Area			3.4				kg	97.00	331.74
	Roof GI Sheet)	1.5	1.1	1.7					100.30	165.495
j	Locking arrangements and handles									300.00
k	Supplying and fixing Hinges for doors									
							3 Nos		35	35
										105.00
	<b>TOTAL</b>									<b>6721.15</b>

3085.92

59.88

2224.03

329.8

6402.99

1217

50/-  
District Officer