

PROCEEDINGS OF THE SUPERINTENDING ENGINEER (GENERAL)
GROUND WATER DEPARTMENT, JALAVIJNANA BHAVAN,
AMBALAMUKKU, THIRUVANANTHAPURAM
(PRESENT: Sri. Vimalraj,S)

Sub: Ground Water Department – Ernakulam – Renovation of Micro Water Supply Scheme at Kannankery Colony in Thrikkakara Municipality in Ernakulam District under Groundwater based drinking water supply scheme – Technical sanction - orders issued.

ORDER NO:- T(1) / 4371/2022/DGW

Dated: 01.09.2022

- Read:- 1. Letter No. GWE/797/2021 dated :07-07-2022 from District Officer, Ground Water Department, Ernakulam.
2. Order No. T(1) 4371/2022/DGW dated: 17/08/2022 of Director, Groundwater Department, Thiruvananthapuram

ORDER

As per the letter read, District Officer, Ground Water Department, Ernakulam has forwarded a proposal with detailed estimate for an amount of Rs. 3,52,000/- for the renovation of micro water supply scheme at Kannankery Colony in Thrikkakara Municipality in Ernakulam District under Groundwater based drinking water supply scheme for the year 2022-23.

The proposal for the renovation of Mini Water Supply Scheme submitted by the District Officer has been verified and the amount enhanced to Rs. 3,65,000/- (Rupees Three lakhs and sixty five thousand only) due to the increase in GST rate from 12% to 18%.

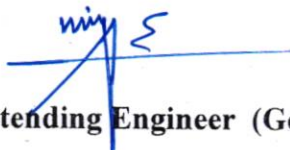
As per the order read as 2nd paper Administrative Sanction for an amount of Rs. 3,65,000/- (Rupees Three lakhs and sixty five thousand only) has been accorded by the Director of Ground Water Department for the above work.

After examining the matter in detail, Technical sanction is hereby accorded to the District Officer, Ground Water Department, Ernakulam for an amount of Rs. 3,65,000/- (Rupees Three lakhs and sixty five thousand only) for the renovation of micro water

supply scheme at Kannankery Colony in Thrikkakara Municipality in Ernakulam District under Groundwater based drinking water supply scheme

The District Officer, Ground Water Department, Ernakulam 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. 158 lakhs under the Head of account "2702-02-103-99 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)

Encl: Verified Estimate

To

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

v-12-09

GROUND WATER DEPARTMENT ERNAKULAM

**ESTIMATE FOR RENOVATION OF MICRO WATER SUPPLY SCHEME AT KANNANKERY COLONY, IN
THRIKKAKARA MUNICIPALITY UNDER GWBDS - 2022 - 23**

District Index

1.3559

Sl. No.	Particulars	Rate	Qty	Unit	Amount
1	Charge for pullouting of existing submersible pump set 1.5 HP from the boer well(DATA Enclosed)	6740.18	1	No.	6740.18
2	Charge for developing existing bore well	5790	1	1	5790
3	Supply of ISI Marked 1.5 HP 18 stage 107-30m head Single phase submersible pumpset suitable for 110 mm dia bore well inclusive of cost conveyance etc including pannel board.	21930	1	No.	21930
4	Electrification charge for getting Single phase power connection inclusive of cost conveyance and labour charges etc. exclusive of pannel board	10851.63	1	No.	10851.63
5	Supply of submersible cable 2.5 mm ² inclusive of cost, conveyance etc.	96	90	M	8640
6	Providing and fixing 25 mm 10 Kg/cm ² PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching , refilling & testing of joints complete for sub. Cable covering	216.03	6	M	1296.18
7	Supply 32 mm UPVC (good quality) pipe inclusive of cost, conveyance etc;	225	81	M	18225
8	Supply of 32 mm S.S. Adaptor for connectiong UPVC pipe with submersible pump set	670	1	No.	670
9	Charge for erecting Submersible pump set of 1.5 HP inclusive of clamps, labour etc.	7826.18	1	No.	7826.18
10	Supply 12 mm thick nylon rope for pump erection	32	1	M	32
11	Supply and fitting of 32 mm GI Union.	222.06	1	No.	222.06
12	Supply and fitting of 32 mm GI Bend	110	3	No.	330
13	Supply and fitting of 32 mm GI "T"	125	1	No.	125
14	Supply and fitting of 32 mm Gun metal NRV	755.38	1	No.	755.38
15	Supply and fitting of 32 MM Gunmetal Gate/Brass full way valve with C I wheel of approved quality	684.19	2	No.	1368.38
16	Supply and fitting of 40 MM PVC valve	235	1	No.	235
17	Supply and fitting of 50 MM PVC valve	300	2	No.	600
18	Repairing Existing pump house		1	No.	0
1	Charge for cleaning (coolie of labour) (As Per Actual number)	558	5	No.	2790
2	Cement Plastering(DSR- 2018, 13.7.1)	401.21	55	Sq. M	22066.55
3	Whitewashing (DSR- 2018, 13.44.1)	107.39	55	Sq. M	5906.45
4	Providing Door for pump house				
5	M.S Angle 25x25x5 - 7.5m(13.5Kg.) - DSR, 2018 - 10.1	101.29	13.5	Kg.	1367.42
6	GI sheet 0.8mm - 1.41m ² (8.9Kg.)	135.99	8.9	Kg.	1210.31
7	Hinges and Locking arrangements (As Per actual) (As Per actual)				600
19	Charge for lowering and cleaning of 5000 litre water tank	3137.55	1	No.	3137.55
20	Providing and fixing 40 mm 10 Kg/cm ² PVC pipes, fittings includes fixing the pipe with clamps at 1 m spacing, jointing of pipes & fittings with one step PVC solvent cement & testing of joints complete for pumping line - Exposed on walls	329.95	15	M	4949.25
21	Supplying and fixing Tank connector 63 mm size with inclusive of cost, conveyance etc.	305	2	No.	610
22	Providing and fixing 25 mm 10 Kg/cm ² PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching , refilling & testing of joints complete for Distribution line	216.03	25	M	5400.75
23	Providing and fixing 32 mm 10 Kg/cm ² PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching , refilling & testing of joints complete for Distribution line	240.74	30	M	7222.2

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7/16/22

24	Providing and fixing 40 mm 10 Kgf/cm2 PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching , refilling & testing of joints complete for Distribution line	264.12	30	M	7923.6
25	Providing and fixing 50 mm 10 Kgf/cm2 PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching , refilling & testing of joints complete for Distribution line	272.14	40	M	10885.6
26	Providing and fixing 63 mm 10 Kgf/cm2 PVC pipes, fittings includes fixing the pipe with clamps at 1 m spacing, jointing of pipes & fittings with one step PVC solvent cement & testing of joints complete for Distribution line Exposed on walls	452.85	15	M	6792.75
27	Providing and fixing 25 mm dia. GI pipes complete with G. I fittings including trenching and refilling etc . External work for Distribution line	429.07	60	M	25744.2
28	Providing and fixing 32 mm dia. GI pipes complete with G. I fittings including trenching and refilling etc . External work for Distribution line	499.85	70	M	34989.5
29	Providing and fixing 40 mm dia. GI pipes complete with G. I fittings including trenching and refilling etc . External work for Distribution line	568.73	90	M	51185.7
30	Hydrants with tap (Size 0.8m X 0.5m platform)	2618.79	10	No.	26187.9
31	Charges for providing Name board (DATA Enclosed)	2800	1	No.	2800
Total					307406.72
	Unforeseen items if any				6879
		54,226.21	18%		9779.92
					3727.09
	Grand Total				352000

Rupees Three Lakh and Fifty Two Thousand only

District Officer

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and
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Total - 307046.7
 GST (18%) - 54,226.21
 Unforeseen - 3,727.09

 Grand Total 3,65,000

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~~3,48,000~~
3,65,000

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