

PROCEEDINGS OF THE SUPERINTENDING ENGINEER (GEN) (I/C),
STATE GROUND WATER DEPARTMENT, JALAVIJNANA BHAVAN,
AMBALAMUKKU, THIRUVANANTHAPURAM
(PRESENT: Smt. RINI RANI. S.)

Sub:- Ground Water Department – Ernakulam – Implementation of MWSS at Myladumpara, Varappetty Gramapanchayath in Ernakulam District under Ground Water Based Drinking Water Scheme – Technical Sanction Orders issued.

ORDER NO: T(1) 2351/2022/DGW

DATED: 10.06.2022

Read:- 1) Letter No. GWE/678/2022, dated 06.04.2022 from District Officer, Groundwater Department, Ernakulam.

2) Order No. T(1) 2351/2022/DGW, dated 02.06.2022, of the Director, Groundwater Department, Thiruvananthapuram.

ORDER

As per the letter read, District Officer, Groundwater Department, Ernakulam has submitted a proposal with detailed estimate for an amount of Rs. 10,80,000/- for implementation of Mini Water Supply Scheme at Myladumpara, Varappetty Gramapanchayath in Ernakulam District under Ground Water Based Drinking Water Scheme.

After detailed verification estimate amount is limited to Rs. 10,73,000/-.

As per the order read as 2nd above, administrative sanction has been accorded by the Director, Groundwater Department, Thiruvananthapuram for the above Scheme.

After examining the matter in detail, technical sanction is hereby accorded to District Officer, Groundwater Department, Ernakulam for implementation of MWSS at Myladumpara, Varappetty Gramapanchayath in Ernakulam District under Ground Water Based Drinking Water Scheme for an amount of Rs. 10,73,000/- (Rupees Ten Lakh and Seventy Three Thousand only).

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 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. Payment should be made for the actual quantity and measurement of each item. 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)” scheme for Ground Water Based Drinking Water Scheme (P) for the financial year 2022-2023.


SUPERINTENDING ENGINEER (GEN) (I/C)

Encl : Verified estimate.

To

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

1.3559

GROUND WATER DEPARTMENT ERNAKULAM

ESTIMATE FOR MINI WATER SUPPLY SCHEME AT MYLADUMPARA W - 2, IN VARAPETTY PANCHAYATH UNDER GWBDWS - 2022 - 23

| | | District Index | 1.3559 | | |
|---------|--|-------------------------------|--------|------|-------------------------------|
| Sl. No. | Particulars | Rate | Qty | Unit | Amount |
| 1 | Supply of ISI Marked 1.5 HP 21 stage 125-50 m head Single phase submersible pumpset suitable for 110 mm dia bore well inclusive of cost conveyance etc including pannel board. | 22100 | 1 | No. | 22100 |
| 2 | 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 |
| 3 | Supply of submersible cable 2.5 mm ² inclusive of cost, conveyance etc. | 96 | 95 | M | 9120 |
| 4 | Providing and fixing 25 mm 10 Kgf/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 <i>Cloth trenching</i> | 216.03 | 10 | M | 2160.3 |
| 5 | Supply 32 mm UPVC (good quality) pipe inclusive of cost, conveyance etc; | 225 | 81 | M | 18225 |
| 6 | Supply of 32 mm S.S. Adaptor for connectiong UPVC pipe with submersible pump set | 670 | 1 | No. | 670 |
| 7 | Charge for erecting Submersible pump set of 1.5 HP inclusive of clamps, labour etc. | 7826.18 | 1 | No. | 7826.18 |
| 8 | Supply 12 mm thick nylon rope for pump erection | 32 | 83 | M | 2656 |
| 9 | Supply and fitting of 32 mm GI Union. | 222.06 | 1 | No. | 222.06 |
| 10 | Supply and fitting of 32 mm GI Bend | 110 | 3 | No. | 330 |
| 11 | Supply and fitting of 32 mm GI "T" | 125 | 1 | No. | 125 |
| 12 | Supply and fitting of 32 mm Gun metal NRV | 755.39 | 1 | No. | 755.39 |
| 13 | Supply and fitting of 50 MM Gunmetal Gate/Brass full way valve with C I wheel of approved quality | 1023.11 | 2 | No. | 2046.22 |
| 14 | Supply and fitting of 40 MM PVC valve | 235 | 2 | No. | 470 |
| 15 | Supply and fitting of 50 MM PVC valve | 300 | 1 | No. | 300 |
| 16 | Construction of pump house size 1.2 m x 0.6 m x 1.6 m <i>Calculation 29000</i> | 29000 | 1 | No. | 29000 |
| 17 | Construction of Water tank platform 2 m x 2 m x 5 m, Height with RCC roof slab <i>As per external measurement</i> | 2,60,000 265000 | 1 | No. | 2,60,000 265000 |
| 18 | Providing and fixing 40 mm 10 Kgf/cm ² PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete for pumping line <i>with trenching</i> | 264.12 | 15 | M | 3961.8 |
| 19 | Providing and fixing 40 mm 10 Kgf/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 | 329.95 | 10 | M | 3299.5 |
| 20 | Providing and fixing 32 mm dia. GI pipes complete with G. I fittings including trenching and refilling etc. External work for pumping line | 499.85 | 50 | M | 24992.5 |

with trenching

| | | | | | |
|---|--|---------|--------------------|------|-------------------|
| 21 | Supply and placing of PVC Tank ISI marked inclusive of cost conveyance. | 10.37 | 5000 | Ltr. | 51850 |
| 22 | Supplying and fixing Tank connector 40 mm size with inclusive of cost, conveyance etc. | 179.2 | 1 | No. | 179.2 |
| 23 | Supplying and fixing Tank connector 63 mm size with inclusive of cost, conveyance etc. | 308 | 2 | No. | 616 |
| 24 | Providing and fixing 25 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 <i>with trenching</i> | 216.03 | 125 | M | 27003.75 |
| 25 | 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 <i>with trenching</i> | 264.12 | 80 | M | 21129.6 |
| 26 | Providing and fixing 63 mm 6 Kgf/cm2 PVC pipes, fittings includes jointing of pipes with one step PVC solvent cement, trenching, refilling & testing of joints complete for distribution line <i>with trenching</i> | 309.54 | 660 | M | 204296.4 |
| 28 | 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 | 95 | M | 40761.65 |
| 29 | Providing and fixing 32 mm dia. GI pipes complete with G. I fittings including trenching and refilling etc. External work for distribution line <i>with trenching</i> | 499.85 | 40 | M | 19994 |
| 30 | Providing and fixing 50 mm dia. GI pipes complete with G. I fittings including trenching and refilling etc. External work for distribution line <i>with trenching</i> | 665.3 | 175 | M | 116427.5 |
| 31 | Hydrants with tap (Size 0.6m X 0.3m platform) | 1956.67 | 27 | No. | 52830.09 |
| 32 | Charges for well protection work <i>(As per actual measurement)</i> | 4420.23 | 1 | No. | 4420.23 |
| 33 | Charges for providing Name board <i>(As per actual measurement)</i> | L.S | 1 | No. | 7500 |
| Total | | | 9,46,114 | | (951120) |
| GST 12% | | | 1,13,533.68 | | (114134.4) |
| Electricity Connection charges as per actuals | | L.S | | | 7500 |
| Unforeseen items if any | | | | | (7245.60) |
| Grand Total | | | 5,85,232 | | (7245.60) |
| Rupees Ten Lakh Eighty Thousand Only | | | | | 10,73,000 |

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District Officer

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