



WATER SUPPLY – Nilgris District - Combined Water Supply Scheme to Mulligur and 54 Rural Habitations in Mulligur, Ithalar and Nanjanadu Village Panchayats in Udthagamandalam Union of Nilgiris District with Surface water of Emerald Dam as Source at a cost of Rs. 25.85 crore to install and Rs.50.00 Lakhs to maintain annually – Approved by the Empowered Committee - Administrative Sanction - Orders issued.

Municipal Administration and Water Supply (WS4) Department

G.O.(MS)No. 28

Dated:20.02.2014

Read:

From the Managing Director, Tamil Nadu Water Supply and Drainage Board, Letter .No. F. CWSS to Mulligur/ AE 3 / PDC / 2012 dated.31.01.2014.

ORDER

The Honourable Minister for Municipal Administration, Rural Development, Law, Courts and Prisons announced in the Floor of the Assembly that "investigation works will be taken up during 2013-2014 for providing combined water supply scheme to 46 Rural Habitations in Mulligur, Ithalar and Nanjanadu Village Panchayats in Udthagamandalam Union of the Nilgiris District with the Surface water of stream near Poonkattusolai as Source.

2. The Managing Director, Tamil Nadu Water Supply and Drainage Board in his letter read above, has submitted a proposal to accord Administrative Sanction for Combined Water Supply Scheme to Mulligur and 54 Rural Habitations in Mulligur, Ithalar and Nanjanadu Village Panchayats in Udthagamandalam Union of the Nilgiris District with the Surface water of Emerald Dam as source and the Detailed Project Report has been prepared for Rs. 25.85 crore to install and Rs.50.00 Lakhs to maintain annually.

3. The Managing Director, Tamil Nadu Water Supply and Drainage Board has informed that for the intake of water from Emerald Dam it is proposed to construct Steel Structure adjacent to Emerald Dam (on the bank) and it is proposed to erect an Open Well Submersible pump sets – 2 Nos. (One No. stand bye) up to 45M depth from the top of Cantilever steel

the bank of the Emerald Dam. The steel with mass concrete to be provided on bank of

The Raw water from the Emerald dam is pumped to the Intermediate booster near the Dam entry point by open well submersible pump sets through 200mm DI K7 pipes and to treatment plant site at Anna Nagar by means of open well submersible pump sets through 200mm DI K9 pipes totalling to a length of 2.98Km. The Raw Water Main is proposed along the TNEB road from Emerald Dam up to Kamaraj Nagar junction and then along the Panchayat road up to treatment plant at Anna Nagar. Adequate land is not available nearby the Head works for locating the Treatment Plant. Hence it is proposed to locate the Full Scale Treatment Plant of capacity 1.604 MLD near Anna Nagar habitation of Mulligar Panchayat and treated water is to be stored in clear water Reservoirs of capacity 1.40LL (for gravity line) and 0.60LL (for pumping line).

Break Pressure Tank of Capacity 0.20 LL is Proposed at Sathya Nagar to reduce the pressure Head over MWL in the Gravity main to Mulligar.

From the clear water Reservoir of capacity 1.40 LL it is proposed to feed 25 habitations in Mulligur and Ithalar Panchayats by gravity through one BPT (0.2LL) and gravity main of size 150mm to 50mm DI/GI totalling to a length of 18.560KM.

From the clear water Reservoir of capacity 0.60 LL it is proposed to feed 30 habitations through intermediate BPT (1.10LL) – 1 No and Booster Sump (0.25LL) – 1 No and pumping / gravity main of size 150mm to 50mm DI/GI totalling to a length of 64.373KM.

Cost of the Scheme is as detailed below.

CWSS TO MULLIGUR AND 54 HABITATIONS IN MULLIGUR, ITHALAR AND NANJANADU PANCHAYATS OF UDHAGAI UNION IN NILGIRIS DISTRICT		
GENERAL ABSTRACT		
Sl.No	Description	Amount (Rs.)
1	Head Works	
a	Construction of Intake arrangements in Emerald Dam	5100000
b	Raw Water Booster Station	1405000
c	Raw Water Pumping Main	12835000

		1390000
		1253000
a	Construction of Treatment Plant comprising of Aerator, PST SS Filter, Chlorinator and Staff Quarters	37533000
3	Clear Water Pump sets	
	Supply, delivery and erection of open well submersible Pumpsets	825000
4	Clear Water Mains	
a	Pumping Main to Ithalar sump	21143000
b	Gravity Main to Attuboil and Mulligur GLSR	44150000
5	Break Pressure Tank At Sathya Nagar- 20000 Lits	340000
6	Booster Station at Ithalar	3021000
7	Booster Mains	
a	Pumping Main to Ammanhatty SR	12076000
b	Gravity Main to M Palada SR	30585000
8	Booster Pumpset at Ithalar	354000
9	Booster To Kodamura (At Anikadu)	572300
10	Construction of GLSRs	4990000
11	Distribution System	10216000
12	Annual Maintenance charges(Excluding energy charges)	1921000
	Sub Total I	189709300
13	Shifting of underground utilities (WS main , telephone lines and other components) @0.5% of item1 to 10	948546
14	Provision for separate electric feeder mains	5000000
15	Provision for Land acquisition for sumps	2500000
	Sub Total II	198157846
16	Contingencies@ 1.0%	1981578
17	Unforeseen item@ about 2.5%	4928544
	Sub Total III	205067968
18	Centage 13%	26658836
	Sub Total IV	231726804
19	Price escalation @ 5% for first year	11586340
	Sub Total IV	243313144

	second year	8515960
		251829104
21	Provision for Labour welfare Charges at 0.3% on Basic cost	755487
22	Inspection charges on pipe cost @ 0.40% for DI & GI Pipes	277003
23	Energy Charges to be paid during contractors maintenance period	3079000
	Grand Total II	255940594
24	Provision for investigation charges @ 1% of Grand Total II	2559406
	PROJECT COST	258500000
	Rupees Two Thousand Five Hundred and Eighty Five Lakhs Only	Rs.2585.00 Lakhs

4. Based on the recommendation of the Tamil Nadu Water Supply and Drainage Board in its resolution No.2.7, dated 6.12.2013, the Empowered Committee has RESOLVED to accord Administrative Approval for the proposal for providing Combined Water Supply Scheme to Mulligur and 54 Rural Habitations in Mulligur, Ithalar and Nanjanadu Village Panchayats in Udthagamandalam Union of the Nilgiris District at a cost of Rs. 25.85 Crores to install and Rs. 50.00 Lakhs to maintain annually and to be implemented with 100% grant under National Rural Drinking Water Programme / State Matching Share.

Accordingly the Managing Director, Tamil Nadu Water Supply and Drainage Board has sent proposal to Government to issue necessary orders to implement the above scheme.

5. The Government after careful consideration accord Administrative sanction for providing Combined Water Supply Scheme to Mulligur and 54 Rural Habitations in Mulligur, Ithalar and Nanjanadu Village Panchayats in Udthagamandalam Union of the Nilgiris District at a cost of Rs. 25.85 Crores (Rupees Twenty five crore and eighty five lakhs only) to install and Rs. 50.00 Lakhs (Rupees Fifty Lakhs only) to maintain annually and to be implemented with 100% grant under National Rural Drinking Water Programme /State Matching Share through Tamil Nadu Water Supply and Drainage Board.



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the concurrence of Finance Department vide
its U.O. No. 9205/Fin(MAWS)/2014, dated:20.02.2014.

(By Order of the Governor)

**K.PHANINDRA REDDY,
SECRETARY TO GOVERNMENT.**

To

The Managing Director,
Tamil Nadu Water Supply and Drainage Board, Chennai – 5
The Director of Rural Development, Chennai - 15
The Accountant General, Chennai - 18
The District Collector, the Nilgiris District
The Local Bodies concerned through Director of Rural Development.

Copy to:-

The Senior Personal Assistant to Hon'ble Minister for Municipal
Administration & Rural Development, Law, Courts and prisons, Chennai – 9
The Private Secretary to Secretary to Government,
Municipal Administration & Water Supply Department, Chennai.9
The Private Secretary to Secretary to Government,
Rural Development & Panchayat Raj Department, Chennai.9
The Private Secretary to Secretary to Government,
Planning Development & Special Initiative Department, Chennai. 9
The Private Secretary to Principal Secretary to Government,
Finance Department, Chennai- 9.
The Finance (MA&WS) Department, Chennai - 9
The Municipal Administration & Water Supply Department, Chennai.9
(WS1, WS2 & WS3) Department, Chennai.9
Sf / Sc

//FORWARDED BY ORDER//

SECTION OFFICER