



ABSTRACT

WATER SUPPLY - Salem District - Combined Water Supply Scheme to 698 Rural habitations in Nangavalli and Mecheri Unions, with bulk provision for 6 Town Panchayats, in Salem District with River Cauvery as source at a cost of Rs.158.64 crore to install and Rs.6.90 crore to maintain annually - Approved by the Empowered Committee - Administrative Sanction - Orders issued.

Municipal Administration and Water Supply (WS4) Department

G.O.(MS)No.57

Dated:14.05.2014

Read:

From the Managing Director, Tamil Nadu Water Supply and Drainage Board Letter. No. F. Mecheri& Nangavalli CWSS/AE3/ PDC/2012. Dated, 31.01.2014.

ORDER:

The Honorable Chief Minister of Tamil Nadu during the Collectors' conference held on 19.12.2012, among others made an announcement that "Drinking water facilities will be provided for Mecheri and Nangavalli Blocks in Salem District" [Announcement No:168]

2. The Managing Director, Tamil Nadu Water Supply and Drainage Board in his letter read above, has stated that Detailed Project Report has been prepared for providing Combined Water Supply Scheme to 698 Rural habitations in Nangavalli and Mecheri Unions with bulk provision for 6 Town Panchayats in Salem District with River Cauvery as source at a cost of Rs.158.64 crore to install and Rs.6.90 crore to maintain annually. The Per capita cost is Rs.5309/-.The cost per 1000 litres is Rs.21.66.

Beneficiaries:-

Sl. No	Name of Town Panchayats	Name of Union	No. of Panchayats	No. of Rural Habitations
1	Mecheri	Mecheri	17	372
2	Nangavalli	Nangavalli	9	326
3	Vanavasi			
4	Jalakandapuram			
5	P.N.Patty			
6	Veerekkal Pudur			
	6 Town Panchayats	Total	26	698

3. The Managing Director, Tamil Nadu Water Supply and Drainage Board has further informed that it is proposed to tap surface water through intake well to be located in the eastern bank of River Cauvery near Reddiyur in the downstream of Mettur dam south of Thottilpatti. This site is located about 4 Km upstream of Chekkanur barrage and about 2 km south of the bridge crossing (near Thermal Plant) the River Cauvery. It is proposed to construct a Treatment Plant of 23.45 MLD capacity (Ultimate Stage) at Veerakkal where adequate land is available. The Treatment Plant Comprises of Aerator, Stilling Chamber, Measuring Channel, Flash Mixer, Clariflocculator and Filter cum Chemical House with 8 Nos. of Filter Beds (one No. as stand by), clear water Reservoir and Pump House. The Clearwater Reservoir of 13.10 LL capacity is proposed to be constructed with a detention time of 1 hour. From the treatment plant, water will be pumped to 6 panchayats in Nangavalli union by means of Centrifugal pumpsets of duty 6641 lpm x 61m head upto Break Pressure Tank of 12.30 LL capacity at Vanavasi School in Nangavalli union (including bulk provision for Nangavalli, Vanavasi and Jalakandapuram town panchayat). Water will be pumped from clear water reservoir to Amman Koilur sump with open well submersible pumpset of duty 683 lpm x 46 m through separate pumping main for the requirement of Veerakkal and Sanarapatty Panchayats. Bulk quantity provision for Veerakkal Pudur and P.N. Patty Town Panchayat is made in the clear water sump which will be tapped when requirement arises.

From the clear water reservoir, the requirement of 4 Panchayats of Mecheri Union and Konur Panchayat of Nangavalli union will be pumped by means of HSC pump set of duty 3057 lpm x 64m.

From the clear water reservoir, the requirement of 13 Panchayats will be pumped to 12.30 LL capacity MSR at Mecheri by means of HSC pumpset of duty of 6242 lpm x 57m head (including bulk provision for Mecheri town panchayats) From the Mecheri MSR, the requirement of 6 Panchayats will be gravitated to the respective sumps. From the Mecheri MSR water will be pumped to Amaram Thittu sump and from there the requirement of 4 Panchayats will be pumped. Another gravity main is laid from Mecheri MSR upto ridge point sump at Koonandiyur to tap the requirement of 3 Panchayats.

Cost of the proposed Scheme :-

CWSS TO 698 HABITATIONS AND BULK PROVISION FOR 6 TOWN PANCHAYATS IN NANGAVALLI AND MECHERI UNION IN SALEM DISTRICT		
<input type="checkbox"/>	GENERAL ABSTRACT	<input type="checkbox"/>
Sl. No.	Description of work	Amount (Rs.)
1	Head Works and Treatment works	130500000
2	Pumping Main and Branch Mains including provision for Road restoration charges to be paid to SH, NH and Railways	600141000
3	Pumpsets including provision for separate feeder main	75814000

4	Service Reservoirs and sumps	90548000
5	Distribution System including provision for Road restoration charges to be paid to SH, NH and Railways	38537111
6	Annual Maintenance charges (excluding energy charges) for 5 years	86815000
7	Shifting of underground utilities (WS main, telephone line and other components) @ 0.5% of items 1-6	5111776
<input type="checkbox"/>	Sub Total-I	1027466887
8	Physical Contingencies @ 1% on Sub Total-I	10274669
9	Unforeseen items at about 2.5 % on Sub Total-I	25691088
<input type="checkbox"/>	Sub Total-II	1063432644
10	Centage charges @ 13% of Sub Total-II*	138246244
<input type="checkbox"/>	Sub Total-III	1201678887
11	Provision for Price escalation @ 5 % of Sub Total III for 1 st year	60083944
<input type="checkbox"/>	Sub Total IV	1261762832
12	Provision for Price escalation @ 5% for 2 nd year (70% of Sub Total IV)	44161699
<input type="checkbox"/>	Grand Total-I	1305924531
13	Provision for third party proof check	1000000
14	Provision for third party quality check for pipes - 0.39% for PVC pipe cost and 0.40% for other pipe cost [B.P.Ms. No.121, (COM Wing) Dt, 22.12.2010]	1665765
15	Labour welfare fund @ 0.3% on Grand Total-I [G.O.Ms. 283 / MAWS(WS4) Dept, Dt. 11.11.2010]	3917774
16	Energy charges for 5 years	258185000
<input type="checkbox"/>	Grand Total-II	1570693069
17	Provision for Investigation charges @ 1% of Grand Total-II	15706931
<input type="checkbox"/>	PROJECT COST	1586400000
<input type="checkbox"/>	Rs158.64 crore	<input type="checkbox"/>
(Rupees One hundred and fifty eight Crore and Sixty four Lakh only)		

4. The Board in its resolution No.2.14, dated:6.12.2013 has resolved to recommend the proposal to Empowered Committee for according Administrative Approval. Based on the recommendation of the Board, the Empowered Committee has resolved to accord Administrative Approval for the above proposal with following funding pattern, through Tamil Nadu Water Supply and Drainage Board.

Sl. No.	Description	Proportionate Cost (Rs. in Crore)	Funding Pattern (Rs. in Crore)	
A	Town Panchayats		MNP	ULB/Public Contribution
1	Nangavalli	3.58	2.86	0.72
2	Vanavasi	3.31	2.65	0.66
3	Jalakandapuram	9.04	7.23	1.81
4	P.N.Patty	1.78	1.42	0.36
5	Veerekkal Pudur	4.68	3.74	0.94
6	Mecheri	13.60	10.88	2.72
	Total for TPs	35.99	28.78	7.21
B	Rural Habitations (698 Nos)	122.65	100 % grant under NRDWP/SMS	
	GRAND TOTAL	158.64		

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 the implementation of Combined Water Supply Scheme to 698 Rural habitations in Nangavalli and Mecheri Unions with bulk provision for 6 Town Panchayats in Salem District at a cost of Rs. 158.64 Crore to install (Rupees One hundred fifty eight crore and sixty four lakh only) and Rs.690.00 lakh (Rupees six hundred and ninety lakh only) to maintain annually and to implement with following funding pattern, through Tamil Nadu Water Supply and Drainage Board.

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6. This order issues with the concurrence of Finance Department vide its U.O. No.24878/MAWS/2014 dated:12.05.2014.

(By Order of the Governor)

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

To

The Managing Director, Tamil Nadu Water Supply and Drainage Board,
Chennai – 5

The Director of Town Panchayats, Chennai.108

The Director of Rural Development, Chennai - 15

The Accountant General, Chennai - 18

The District Collector, Salem District

The Local Bodies concerned (Through the Director of Rural Development)

Copy to:-

The Senior Personal Assistant to Hon'ble Minister for MA, RD, Law, Courts
and prisons, Chennai – 9

The Private Secretary to Principal Secretary to Government,
Municipal Administration and Water Supply Department ,Chennai – 9

The Private Secretary to Principal Secretary to Government,
Rural Development & Panchayat Raj Department., Chennai.9

The Private Secretary to Principal Secretary to Government
Planning Development and Special Initiative Department, Chennai . 9

The Finance (MA&WS) Department, Chennai - 9

The Municipal Administration and Water Supply(WS1, WS2 & WS3)
Department, Chennai.9

Sf / Sc

//FORWARDED BY ORDER//

SECTION OFFICER