



ABSTRACT

Water Supply – Combined Water Supply Scheme to Sankarankoil, Puliyangudi Municipalities and Thiruvenkadam Town Panchayat in Tirunelveli District, Rajapalayam, Sivakasi and Thiruthangal Municipalities in Virudhunagar District at a cost of Rs.543.20 Crore and Water Supply Improvement Scheme to Namakkal Municipality at a cost of Rs.185.24 Crore – Administrative Sanction – Accorded- Orders - Issued.

Municipal Administration and Water Supply (WS2) Department

G.O. (Ms) No.6

Dated: 30.01.2017

துன்முகி -தை - 17

திருவள்ளூர் ஆண்டு 2048

Read:

From the Commissioner of Municipal Administration, Letter
Roc. No.7567/2015/WS1, dated 09.08.2016

ORDER:

The Hon'ble Chief Minister made an announcement on 08.08.2014 under rule 110 of the Tamil Nadu Assembly Rules, among others, that a Combined Water Supply Scheme to Rajapalayam Municipality in Virudhunagar District, Sankarankoil and Puliyangudi Municipalities in Tirunelveli District will be implemented at a cost of Rs.267.50 Crore.

2. In the letter read above, the Commissioner of Municipal Administration has sent the following two water supply schemes for administrative sanction with funding under Tamil Nadu Sustainable Urban Development Project (TNSUDP):-

I) Sankarankoil Combined Water Supply Scheme:

The existing water supply to Sankarankoil, Puliyangudi Municipalities and Thiruvenkadam Town Panchayat in Tirunelveli District, Rajapalayam, Sivakasi & Thiruthangal Municipalities in Virudhunagar District is erratic and the local bodies could not provide continuous water supply. Based on the announcement of the Hon'ble Chief Minister, Tamil Nadu Water Supply and Drainage Board has formulated a Combined Water Supply Scheme at an estimated cost of Rs.565 Crore to the above beneficiaries with river Tamiraparani as source.

The component-wise break-up details are as follows:-

SI No.	Description of work	Amount (Rs. in Crore)
1	Head Works	10.30
2	Common Pumping Main from head works to Sankarankoil	105.16
3	Water Treatment Plant	21.87
4	Manur Booster Station- I	4.19
5	Panavadalichathram Booster Station- II	4.39
6	Sankarankoil Booster Station- III	5.17
7	Sankarankoil Municipality (Infrastructure)	18.76
8	Puliyangudi Municipality (Infrastructure)	33.66
9	Rajapalayam Municipality (Infrastructure)	87.03
10	Pumping Main from Sankarankoil to Thiruvenkadam Branch Point	19.29
11	Pumping Main from Thiruvenkadam Branch Point to Sivakasi, Thiruthangal	31.06
12	Sivakasi Municipality (Infrastructure)	26.63
13	Thiruthangal Municipality (Infrastructure)	22.15
14	Thiruvenkadam (Infrastructure)	3.33
15	Check Dam Near Kondanagaram (To be executed by PWD)	25.00
16	Maintenance of SCADA for five years	0.60
	SUB - TOTAL - I	418.57
17	Contingencies at 1%	4.19
18	Unforeseen items at about 2.5%	10.12
	SUB - TOTAL - II	432.88
19	Centage @ 5 % for Municipalities and 13 % for Town Panchayats on Sub-total- II	22.41
	SUB - TOTAL - III	455.29
20	Provision for price escalation @ 5 % of Sub- total- III for 1 st year	22.76
	SUB - TOTAL - IV	478.06
21	Provision for price escalation @ 5 % for 2 nd year (70% of 1 st year)	15.94
	GRAND TOTAL - I	493.99
22	Provision for third party consultant proof checking at 0.15 % of Grand Total - I	0.74
23	Labour Welfare Fund at 1% on Grand Total-I	4.94
24	Pipe testing and Inspection Charges @ 0.23 % of the pipe cost	0.47
25	TWAD Lab Testing charges for materials	0.10
	GRAND TOTAL - II	500.24
26	DPR preparation charges @ 1% of estimate cost	5.00
27	AM cost (Base year) for 5 years (Base year cost with 6% hike for every other 4yrs.)	59.75
	PROJECT COST	565.00

The O&M cost estimated at Rs.10.60 Crore. The Tamil Nadu Water Supply and Drainage Board Schedule of Rates for the year 2015-2016 has been adopted and the Tamil Nadu Water Supply and Drainage Board, will execute and maintain the project.

II) Namakkal Water Supply Improvement Scheme

The drinking water requirement of Namakkal Municipality is met from three separate schemes with River Cauvery as source and at present 9.58 MLD is supplied with a pro-rata supply of 90 LPCD. Nine Village Panchayats viz. Chinnamudalaipatty, Mudalaipatty, Kosavampatty, Kondisettipatty, Periyapatty, Kavettipatty, Nallipalayam, Ayyampalayam and Thummankurichi added with Namakkal Municipality vide G.O.(Ms)No.260, Municipal Administration and Water Supply Department, dated 25.10.2010 are supplied at 40 LPCD through various Combined Water Supply Schemes by Tamil Nadu Water Supply and Drainage Board. Since they have been added to Namakkal Municipality, the water supply has to be increased to 135 LPCD as per norms besides increasing the pro-rata supply from 90 to 135 LPCD for the erstwhile municipal area. The Tamil Nadu Water Supply and Drainage Board has, therefore, formulated a Water Supply Improvement Scheme to Namakkal Municipality.

The total project cost for Namakkal Water Supply Improvement Scheme is estimated at Rs.195.73 Crore and the component-wise break up details are as follows:

Sl. No.	Description of work	Amount (Rs. in Crore)
1	Head Works at Jederpalayam	11.05
2	Raw water Main from Head works to Treatment Plant at Kabilakurichi	15.96
3	Treatment Plant - 17.66 MLD	9.09
4	Clear water Main from Treatment Plant at Kabilakurichi to Thummankurichi Booster Station	31.84
5	Booster Station at Thummankurichi	2.93
6	Feeder mains	14.28
7	Service Reservoirs	8.42
8	Distribution System including provision for Road restoration charges to be paid to State/National Highways and Railways	41.52
9	SCADA	4.79
10	Rejuvenation of Existing Schemes	17.23
11	Shifting of underground utilities (WS main, telephone line and other components) @ 0.5% of items 1-10	0.79
	Sub -Total-I	157.88
12	Physical Contingencies @ 1% on Sub -Total-I	1.58

13	Unforeseen items at about 2.5 % on Sub Total-I	3.95
	Sub -Total-II	163.40
14	Centage charges @ 5% of Sub Total-II	8.17
	Sub - Total-III	171.57
15	Provision for Price escalation @ 10 % of Sub -Total III for 2 years	17.16
	Grand Total-I	188.73
16	Provision for third party proof check for DPR	0.10
17	Provision for third party quality check for materials @ 0.23% [B.P. Ms. No. 10 / (COM Wing) / Dt. 25.2.2013]	0.14
18	Labour Welfare Fund @ 1% on Grand Total-I	1.89
19	Provision for Quality check for materials	0.10
	Grand Total-II	190.95
20	Provision for Investigation charges @ 1% of Grand on Total-II	1.91
21	Capacity Building @ 1.5% on Grand Total-II	2.86
	PROJECT COST	195.73

The Operation & Maintenance cost is Rs.5.66 Crore. The Tamil Nadu Water Supply and Drainage Board Schedule of Rates for the year 2015-2016 has been adopted and the Tamil Nadu Water Supply and Drainage Board will execute the project.

3. The Commissioner of Municipal Administration has stated that the Tamil Nadu Sustainable Urban Development Project Sanctioning Committee has approved and recommended the above projects in the meeting held on 20.07.16 under World Bank assisted TNSUDP with the following means of finance and Weighted Average Graded Deposit and Tariff Structure as suggested by Tamil Nadu Urban Infrastructure Financial Service Limited (TNUIFSL) for according Administrative Sanction. The Committee has also resolved to allow Tamil Nadu Water Supply and Drainage Board to collect bulk water supply charges from all the six beneficiary Urban Local Bodies under Sankarankoil Combined Water Supply Scheme at Rs.9.20 per Kilo Litre for the base year i.e. the year of completion of the project with increase at 2% every year in order to sustain Operation & Maintenance.

Means of Finance for Sankarankoil CWSS

(Rupees in Crore)

S. No	Name of Scheme	Loan from TNUDF under World Bank assisted TNSUDP	Grant from Project Sustainability Grant fund (PSGF) under World Bank assisted TNSUDP	ULB Contribution	Others	Total
1	Sankarankoil WSIS	9.11	31.89	4.55	0.00	45.55
2	Puliyangudi WSIS	14.96	52.37	7.48	0.00	74.81
3	Rajapalayam WSIS	19.00	10.39	17.27	*126.04	172.70
4	Sivakasi WSIS	25.74	66.94	10.30	0.00	102.98
5	Thiruthangal WSIS	7.91	63.27	7.91	0.00	79.09
6	Thiruvenkadam WSIS	1.14	9.09	1.14	0.00	11.37
	Total	77.86	233.95	48.65	126.04	486.50
AM Cost for 5 years						56.70
Total Project cost including AM cost						543.20

* Grant under AMRUT – Rs.90.03 Crore for GoI & Rs.36.01 Crore for GoTN

Weighted Average Graded Deposit & Tariff Structure:

S.No	Name of Scheme	Weighted Average Deposit (in Rupees)			Weighted Average Tariff (in Rupees)		
		Domestic	Non-Domestic	Industrial	Domestic	Non-Domestic	Industrial
1	Sankarankoil WSIS	9219	22647	23571	141	498	514
2	Puliyangudi WSIS	8870	17239	20833	136	400	465
3	Rajapalayam WSIS	7895	15641	15000	156	465	450
4	Sivakasi WSIS	9545	16576	18926	145	388	431
5	Thiruthangal WSIS	11239	24075	25600	139	452	486
6	Thiruvenkadam WSIS	8400	15000	15000	131	360	360

Means of Finance for Namakkal Water Supply Improvement Scheme

Sl.No	Means of Finance	Amount (Rs. in Crore)
1	Loan from TNUDF under World Bank assisted TNSUDP	37.05
2	Grant from Project Sustainability Grant Fund (PSGF) under World Bank assisted TNSUDP	129.67
3	ULB Contribution	18.52
	Total	185.24

Weighted Average Graded Deposit & Tariff Structure:

(In Rupees)

Name of the scheme	Weighted Average Deposit			Weighted Average Tariff		
	Domestic	Non- Domestic	Industrial	Domestic	Non- Domestic	Industrial
Namakkal WSIS	5912	15654	23939	163	552	701

4. The Commissioner of Municipal Administration has therefore requested to accord Administrative Sanction for implementation of Water Supply Improvement Scheme to Sankarankoil, Puliyangudi, Rajapalayam, Sivakasi & Thiruthangal Municipalities and Thiruvenkadam Town Panchayat under Sankarankoil Combined Water Supply Scheme at a cost of Rs.543.20 Crore and Water Supply Improvement Scheme to Namakkal Municipality at a cost of Rs.185.24 Crore as per the means of finance mentioned at para 3 above.

5. The Tamil Nadu Urban Infrastructure Financial Services Limited (TNUIFSL) has recommended both the projects for according Administrative Sanction under World Bank assisted Tamil Nadu Sustainable Urban Development Project (TNSUDP).

6. The Government after careful examination, accept the request of the Commissioner of Municipal Administration and accord Administrative Sanction for implementation of Water Supply Improvement Scheme to Sankarankoil, Puliyangudi, Rajapalayam, Sivakasi and Thiruthangal Municipalities and Thiruvenkadam Town Panchayat under Sankarankoil Combined Water Supply Scheme at a cost of Rs.543.20 Crore (Rupees Five Hundred and Forty Three Crore and Twenty Lakh only) and Water Supply Improvement Scheme to Namakkal Municipality at a cost of Rs.185.24 Crore (Rupees One Hundred and Eighty Five Crore and Twenty Four Lakh only) to be implemented by Tamil Nadu Water supply and

Drainage Board under World Bank assisted Tamil Nadu Sustainable Urban Development Project (TNSUDP) as per the means of finance mentioned at para 3 above.

7. This order issues with the concurrence of Finance Department vide its U.O.No.4215/Finance (MA&WS)/2017, dated 30.01.2017.

(BY ORDER OF THE GOVERNOR)

K. PHANINDRA REDDY,
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Commissioner of Municipal Administration, Chepauk,
Chennai-600005.

The Managing Director, Tamil Nadu Water Supply and
Drainage Board, Chennai-600005.

The Director of Town Panchayats, Chennai-600108.

The Accountant General, Chennai – 600018.

The District Collector, Tirunelveli District-627009.

The District Collector, Virudhunagar District-626002.

The District Collector, Namakkal District-638011.

Copy to:

The Secretary to Hon'ble Chief Minister, Chennai-600009.

The Senior Personal Assistant to Hon'ble Minister for Municipal
Administration, Rural Development and Special Programme
Implementation, Chennai-600009.

The Senior Principal Private Secretary to Principal Secretary to Government,
Municipal Administration and Water Supply Department,
Chennai – 600009.

The Finance (MA&WS) Department, Chennai – 600009.

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/ FORWARDED BY ORDER/

R. Chandho 30/1/17
SECTION OFFICER.
30/1/17