



## **ABSTRACT**

Water Resources Department – Announcement made by Hon'ble Chief Minister on 21.01.2022 in Madurai District - Rehabilitation and up-gradation of Vandiyur Tank in Madurai East Taluk and Rehabilitation of Sellur Tank in Madurai North Taluk of Madurai District at an estimated cost of Rs.7,23,50,000/- Administrative and Financial sanction accorded - Orders issued

### **Water Resources (S2) Department**

**G.O. (2D) No.82**

**Dated.30.11.2022**

சுபகிருது, கார்த்திகை 14

திருவள்ளூர் ஆண்டு 2053

Read :

From the Chief Engineer, Plan Formulation, Water Resources Department Letter No. B/ New Announcement- Madurai/2022/AE3/AEE3/2022, dated.05.08.2022

\* \* \*

### **ORDER:**

During his visit to Madurai District on 21.01.2022, Hon'ble Chief Minister has announced that "the Vandiyur, Sellur and Thenkarai Tanks will be upgraded for daily usage of the public"

2. In the letter read above, the Chief Engineer, Plan Formulation, Water Resources Department has stated that Thenkarai Tank is situated in Thiruparangundram Village of Thiruparangundram Taluk in Madurai District and it receives water supply from Vaigai River through the Nilayur Channel. The Water Spread area of the tank is 377.132 acre and the ayacut benefitted through its three sluices are 823.34 acre. The Storage capacity of Thenkal tank is 106.79M.cum and the total length of the tank bund is 2143 m, out of which roads have been already laid for the 1023m and the remaining 1120m is an earthen bund. Hence, there is a proposal by the National Highway Authority of India to lay a road for a length of 800m out of the balance 1023m, which is under the scrutiny of the Government of Tamil Nadu and hence, it is not possible to carry out any rehabilitation works in Thenkarai Tank like laying of footpath, formation of park and any other works involving recreational features.

3. The Chief Engineer, Plan Formulation, Water Resources Department has furnished a proposal with estimates for the remaining Two Tanks i.e., Rehabilitation and Upgradation of Vandiyur Tank for public use in Madurai East Taluk of Madurai District & Rehabilitation of Sellur Tank for public utilization in Madurai North Taluk of Madurai District at an estimated cost of Rs.7.33 Crore. The Schemes envisage the following:

**1. Rehabilitation and upgradation of Vandiyur Tank for public use in Madurai East Taluk of Madurai District at a cost of Rs.2.62 Crore:**

- (i) The Vandiyur Tank is situated on the eastern side of Madurai Town and adjacent to Anna Nagar in Madurai North Taluk of Madurai District. It is situated nearly 4 Km from Periyar Bus stand and nearly 2 Km from Anna Bus stand and also very adjacent to the Integrated Central Bus Stand (Mattuthavani Bus Stand). The Vandiyur Tank lies between the latitude of 9°56'00" N and longitude of 78° 09'00" E.
- (ii) Vandiyur Tank is one of the important tanks located near the Madurai city limit. The Vandiyur Tank is used for irrigation, domestic and also for recreation purposes. Famous places like Kalaingar Karunanithi Nagar, Anna Nagar, Gomathipuram, Pandi Kovil, Tidal Park etc., are situated around the Vandiyur Tank. There are thousands of residential and non-residential buildings such as Apollo Hospital, Meenakshi Mission Hospital, Restaurants etc., situated around the Vandiyur Tank.

The Salient features of the Tank are

- Registered ayacut : 964.120 Acres  
(390.170 Hectares)
- Water spread area : 687.360 Acres  
(278.170 Hectares)
- Total length of Bund : 2077 m
- Number of Sluices : 3 Nos

- (iii) It is therefore proposed to rehabilitate and upgrade the Vandiyur Tank for public utilization.

**2. Rehabilitation of Sellur Tank for public utilization in Madurai North Taluk of Madurai District at a cost of Rs.4.71 Crore**

- i. Sellur Tank and its group of Upper Tanks are situated in a watershed sandwiched between Sirumalai hills in the North West

and Vaigai river in the South East. This watershed is spread over an area having steep gradient with a fall of 202m from the peak of Sirumalai hills and Vaigai river. In this group of Tanks, Sellur Tank is the lower most Tank, the surplus (Panthalkudi Channel) of which flows through the most urbanized areas within Madurai city limits and joins the Vaigai river.

- (ii) Sellur Tank has three immediate Upper Tanks, namely, Silayaneri Tank, Thathaneri Tank and Anaiyur Tank. All the four tanks including their surplus channels are located in thickly populated residential and commercial areas of Madurai City.
- (iii) Sellur Tank is situated in Sellur village on the north of Vaigai River along 9° 50' 23" N Latitude and 78° 7' 06" E Longitude. The Sellur Tank is the tail end Tank under Sellur group in Sholavandan minor basin. The Sellur Tank receives its supply from its free catchment of 3.426 sq.km and a combined catchment of 29.225sq.km. The ayacut of Sellur Tank is 72.73 hectares. But, at present there is no cultivation in the ayacut area, since the whole ayacut has been urbanized. This Tank has one Calingulah weir at left flank end for a length of 45.80 m having a discharging capacity of 2513 cusecs. The surplus water of Sellur Tank escapes over the Calingulah weir and joins the Vaigai River through a surplus course by name Panthalkudi channel of 2600m length. There are two Irrigation sluices at LS 493 m and 1120m which are not functioning now. The Railway line from Madurai to Chennai divides this Tank into two portions. Two balancing culverts are provided beneath the railway line to connect the bifurcated portions of the Tank.
- (iv) The Sellur Tank receives the surplus of Vilangudi Tank, Karisalkulam Tank, Silayaneri Tank, Anaiyur Tank, Mudakkathan Tank and Thatthaneri Tanks in addition to its own free catchment. Due to urbanization there is no ayacut for Sellur Tank. Hence this Tank is used for ground water recharge for the surrounding areas. The water spread area of Sellur Tank is fully covered by juliflora jungle. Hence it is quite essential to eradicate the juliflora jungle with uprooting.
- (v) It is therefore proposed to rehabilitate the Sellur Tank for public utilization.

3. The Chief Engineer, Plan Formulation, WRD has stated that the estimate for the Vandiyur and Sellur Tanks have been prepared for a cost of Rs.7.33 crore based on the Schedule of Rates for the year 2022-2023 and requested to accord Administrative Sanction for the proposal.

4. The Government, after careful examination, have decided to accept the above proposal of the Chief Engineer, Plan Formulation, Water Resources Department at a restricted cost of Rs.2.5815 Crore for Vandiyur Tank and Rs.4.6535 Crore for Sellur Tank. Accordingly, administrative sanction is accorded for Rehabilitation of Vandiyur and Sellur Tanks in Madurai District as follows :

- (i) Rehabilitation and Up-gradation of Vandiyur Tank for public use in Madurai East Taluk of Madurai District at an estimated cost of Rs.2,58,15,000/- (Rupees Two crore, fifty eight lakh and fifteen thousand only) under State Fund as follows.

Sl. No.	Description	Sanctioned amount (in Rupees)
1.	Raising and Strengthening of Vandiyur Tank west side bund	14,62,179
2.	Raising and Strengthening of Vandiyur Tank East side bund	5,44,927
3.	Raising and Strengthening of Vandiyur Tank North side Foreshore Bund	11,96,720
4.	Providing Foot path on the top of Tank bund	1,37,78,900
5.	Providing Paly Equipment's and amenities to Park Area	45,26,842
6.	GST 18%	38,89,722
7.	Documentation, Name board and Photographic charges	50,000
8.	Advertisement Charges	1,00,000
9.	Provision for PS Charges, Contingencies & Unforeseen Items of work	50,000
10.	Labour Welfare Fund	215096
	Total	2,58,14,386
	Rounded of	2,58,15,000

Out of Rs.2,58,15,000/-, Financial sanction is accorded for a sum of Rs.10,00,000/- (Rupees ten lakh only) for the financial year 2022 - 2023 and the balance will be released in subsequent financial year based on the progress of work.

- (ii) Rehabilitation of Sellur Tank for public utilization in Madurai North Taluk of Madurai District for Rs.4,65,35,000/- (Rupees Four crore, sixty five lakh and thirty five thousand only) under State Fund as follows.

Sl. No.	Description	Sanctioned amount (in Rupees)
1.	Providing foot path arrangements on the top of bund	95,72,201
2.	Providing fencing arrangements on both sides of foot path arrangements on the top of bund	42,72,984
3.	Providing Rip Rap revetments on both sides of the Tank bund	2,50,91,278
4.	GST 18%	70,08,563
5.	Provision for Petty Supervision Charges, Contingencies and Unforeseen items of work	1,00,000
6.	Advertisement charges	1,00,000
7.	Labour Welfare Fund	3,89,365
	Total	4,65,34,931
	Rounded to	4,65,35,000

Out of Rs.4,65,35,000/- financial sanction is accorded for a sum of Rs.10,00,000/- (Rupees ten lakh only) is for the financial year 2022 – 2023 and the balance will be released in subsequent financial year based on the progress of work.

5. The expenditure sanctioned in para 4 above shall be debited to the following Head of Account:-

4700 – Capital Outlay on Major Irrigation –  
05 Vaigai Basin – 800 Other Expenditure –  
State's Expenditure – AA Reservoirs - 416 Major Works  
01 Major Works

(IFHRMS DPC. 4700- 05 – 800 – AA – 41601)".

6. The expenditure sanctioned in para 4 above shall constitute an item of "New Instrument of Service" and the approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be met by drawal of an advance from the Contingency Fund. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai-5, is directed to send necessary proposals to Government in Finance (BG-I) Department directly in Form "A" appended to the Tamil Nadu Contingency Fund Rules, 1963 along with copy of this order. Orders for sanction of an advance from the

Contingency Fund will be issued by Finance (BG-I) Department separately. He is also directed to send necessary explanatory notes for inclusion of the above expenditure in the Supplementary Estimate 2022 - 2023 to Finance (PW-II / BG-I) Department at an appropriate time.

7. It is also directed that the details of works executed must be uploaded in the Tamil Nadu Water Resources Information and Management Systems Portal under the Control of Chief Engineer, Institute of Water Studies, Hydrology and Quality Control to ensure effective data base in the Water Resources Department.

8. This order issues with the concurrence of Finance Department vide its U.O.No.51333/PW-II/2022, dated.29.11.2022 and Additional Sanction Ledger No.1911 (One thousand nine hundred and eleven) (IFHRMS ASL No. 2022111911).

**(BY ORDER OF THE GOVERNOR)**

**SANDEEP SAXENA,  
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT.**

**To**

The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai-5.

The Chief Engineer, Plan Formulation, Water Resources Department, Chennai-5.

The Chief Engineer, Water Resources Department, Madurai Region, Madurai.

The Chief Engineer, Institute of Water Studies, Hydrology and Quality Control, Taramani, Chennai-113.

The District Collector, Madurai.

The Pay and Accounts Officer (East), Chennai -8.

The Pay and Accounts Officer, Madurai.

The Principal Accountant General (A&E), Chennai-18.

The Principal Accountant General, (Economic and Revenue Sector Audit), Chennai-18.

The Resident Audit Officer, Secretariat, Chennai-9.

**Copy to**

The Secretary-II to the Hon'ble Chief Minister, Secretariat, Chennai-9.

The Special Personal Assistant to Hon'ble Minister (Water Resources), Chennai -9.

The Finance (P.W.II / B.G.I / BG II / W&M.I) Department, Secretariat, Chennai-9.

The Water Resources (OP-II / ISpl.I) Department, Secretariat, Chennai-9.  
Stock File / Spare Copy.

**// Forwarded by Order //**

*S. Manickam*  
30.11.2022

**Section Officer.**

*S. Manickam*  
30/11/2022