



ABSTRACT

Announcement - Water Resources Department - Creation of additional water storage in four tanks – Cholavaram Tank, Porur Tank, Nemam Tank and Ayanambakkam Tank and Restoration of Additional Storage space in Chembarambakkam Tank – Administrative Sanction for Rs.130.00 Crores – Orders – Issued.

Public Works (K1) Department

G.O.(Ms.) No.272

Dated: 20.12.2011

மார்ச்சு 4

திருவள்ளூர் ஆண்டு 2042

Read:

From the Chief Engineer, Water Resources Department, Chennai Region
Letter No. OT2 / AE2 / Announcement/2011, dated 17.8.2011 and
10.10.2011.

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ORDER :-

The Hon'ble Chief Minister has made an announcement on the "Augmentation of drinking water storage reservoirs for Chennai City" under the **Special Programme Implementation**. It is included in the Budget Speech of the Hon'ble Minister (Finance) during the Budget Session of the year 2011-12.

2. Based on the Advice of the Advisor, Water Resources Department, the Chief Engineer, Chennai Region has recommended a proposal for according administrative sanction of Government for Rs.130.00 Crores to create additional storage in four tanks namely Cholavaram Tank, Porur Tank, Nemam Tank and Ayanampakkam Tank and also to restore the additional storage created in Chembarambakkam Tank, as detailed below.

(a) CHOLAVARAM TANK :

The storage could be increased to approximately 1080 Mcft against the present capacity of 881 Mcft with a outlay of Rs.50.00 Lakhs incorporating provision for Weir Body Wall, Apron, Wearing Coat other improvement works also.

(b) PORUR TANK :

It has a storage capacity of 46 Mcft. It is aimed to increase the capacity to 70 Mcft by deepening the tank in the foreshore area by 1.00 m to 2.00 m with a limitation that the bottom of earthwork level is not lowered than that of the sill level.

The other components such as strengthening the bund, Repairs to Surplus Weir, protective walls, inlet arrangements diversion of Inlet sewages and improvements to Thanthikal Channel which connecting Porur Tank to Chembarampakkam reservoir, have been included and the project cost would be Rs.20.00 Crore.

(c) **AYANAMBAKKAM TANK**

It is proposed to increase its holding capacity from 290 Mcft to 314 Mcft at the cost of Rs.30.00 Crore with the following rehabilitation works.

Strengthening and standardizing the bund, deepening the tank in high level foreshore areas to a maximum depth of 2m, rehabilitating supply channel from Paruthipattu Anicut across Cooum, reconstruction of weir, providing regulator and cut and cover to the supply channel etc., has been included in the above proposal.

(d) **NEMAM TANK :**

(i) Increasing the holding capacity from 257 Mcft to 577 Mcft by desilting and bund standardization of tank at a cost of Rs 55.00 Crores.

(ii) Renovation and rehabilitation of flood bank and formation of 1650m length of left side Surplus Course to Chembarampakkam tank and provision towards land acquisition to an extent of 39.00.76 Ha. for the formation of surplus course and protective walls, for Rs.16.50 Crore.

(iii) Construction of off-take regulator across Krishna Water Supply Project Link Canal at LS.19660 m and formation of feeder canal to Nemam tank for Rs.8.00 Crore.

Thus, the overall capacity of the four reservoir are furnished below :

Sl. No.	Name (Reservoir / Tank)	Present Storage in Mcft	Proposed Storage in Mcft	Increase in Storage in Mcft	Approximate Project Cost (in Crores)
1	Cholavaram	881	1081	200	0.50
2	Porur Tank	46	70	24	20.00
3	Ayanampakkam	290	314	24	30.00
4	Nemam	257	577	230	79.50
	TOTAL	1474	2042	568	130.00

3. The Government after careful consideration, have decided to accept the proposal of Chief Engineer, Chennai Region. Accordingly, administrative sanction is accorded for Rs.130.00 Crores (Rupees one hundred and thirty crores only) restricting Petty Supervision, Contingencies, Unforeseen items, such as Environment Studying and Soil Testing, Third party Supervision Charges etc. at 2.5% adopting current schedule of rates to create additional storage in four tanks namely Cholavaram Tank, Porur Tank, Nemam Tank and Ayanampakkam Tank and also to restore the additional

storage space in Chembarambakkam Tank for the year 2011-12, which will facilitate to create total additional storage of 568 Mcft in one filling in the above said 5 Tanks.

4. The Engineer-in-Chief, Water Resources Department is directed to execute the desilting component in the 4 tanks by indentifying the selling option for the silt excavated by following due procedures with the upset price being a minimum of Rs.66.52 Crore (desilting component of Rs.130.00 Crore) and seigniorage fee as prescribed. The Engineer-in-Chief is also directed to consider upfront payment in each of the work to avoid issues and opt for a premium in the upset price.

5. The Engineer-in-Chief, Water Resources Department is directed to engage a third party to supervise the quantity and quality of the work to be executed by following due procedures to ensure complete transparency.

6. The Engineer-in-Chief, Water Resources Department is directed to co-ordinate with the Metro Water Board to ensure that the regular supply of water to the Public should not be disturbed.

7. The Managing Director, Metro Water Board is requested to make suitable arrangements to draw water from the tanks to meet the drinking water needs of Chennai City, once augmentation of the above works are completed. Further, the Managing Director, Metro Water Board should ensure that the Public Works Department work should not be disturbed in any way while drawing water during augmentation.

8. The Expenditure sanction in para 3 above shall be debited to the following new head of account opened under D.No.40-01:-

“4215 CAPITAL OUTLAY ON WATER SUPPLY AND SANITATION SCHEMES IN THE ELEVENTH FIVE YEAR PLAN 01 – Water Supply – 101 Urban Water Supply – II State Plan – JU Creation of Additional Water Storage in Cholavaram, Porur, Neman and Ayanambakkm Tanks. (16 Major works)
(DP Code 4215 – 01 – 101 – JU - 1606)

9. The Engineer-in-Chief, Water Resources Department, Public Works Department, Chennai-5 is the Estimating, Reconciling and Controlling Officer for the above new head of account.

10. The Pay and Accounts Officer / Treasury Officer are requested to open the new head on their accounts.

11. The expenditure on the work sanctioned on para 3 above is an item of “New Service”. The approval of the Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will be initially met by sanction of an advance from the Contingency Fund, orders regarding which will be issued by the Government in Finance (BG.I) Department. The Chief Engineer, Water Resources Department, Chennai Region is requested to send necessary proposals to Government

in Finance (BG.I) Department, in the prescribed format along with a copy of this order for sanction of an advance required for the current year from Contingency Fund.

12. The Chief Engineer, Water Resources Department, Chennai Region is also requested to send a draft explanatory note, indicating the total cost of the scheme, the cost that would be required for the implementation during the financial year etc., to Government in Finance (BG.I) Department for inclusion of the expenditure in the supplementary estimates for bringing it to the notice of the Legislature in due course.

13. This order issues with the concurrence of Finance Department vide its U.O.No. 114/ Dr.JS.PU/PW-II / 2011, dated. 20.12.2011 and Additional Sanction Ledger No. 1186 (One Thousand One Hundred and Eighty Six).

(BY ORDER OF THE GOVERNOR)

**M.SAI KUMAR
SECRETARY TO GOVERNMENT**

To

The Engineer-in-Chief, Water Resources Department, Chennai-5
 The Chief Engineer, Water Resources Department, Chennai Region, Chennai-5
 The Chief Engineer, Water Resources Department, (Plan Formulation), Chennai-5
 The District Collector, Chennai District, Chennai / Tiruvallur / Kancheepuram.
 The Accountant General, Chennai-18/35 (By Name)
 The Pay and Accounts Officer, Egmore, Chennai-8
[The Managing Director, Chennai Metropolitan Water Supply & Sewerage Board,
 Chennai 600 002](#)

Copy to

The Finance (P.W.II/B.G.I/ B.G.II) Department, Chennai-9.
 The Secretary to Hon'ble Chief Minister, Chennai-9.
 The Senior Personal Assistant to Minister (Public Works), Chennai-9.
 The Municipal Administration and Water Supply Department, Chennai-9.
 The Revenue Department, Chennai-9.
 All Irrigation Sections in Public Works Department, Chennai-9.
 Special Programme Implementation Department, Chennai-9.
 Stock File /Spare Copy

// Forwarded by Order //

Section Officer