



## **ABSTRACT**

Water Resources Department – Announcement made by Hon'ble Minister (Water Resources) for 2021-2022 - 5 Nos. of Rehabilitation Works in Chennai Region at an estimated cost of Rs.51.50 Crore- Sanction accorded – Orders issued.

### **Water Resources (S1) Department**

**G.O. (4D) No.34**

**Dated 28.04.2022**

சுபகிருது, சித்திரை 15

திருவள்ளூர் ஆண்டு 2053

Read :

1. From the Chief Engineer, Plan Formulation, Water Resources Department, Letter No. B4 / 2308 / Anno-21-22 / Rehabilitation-4 / AE1/ AEE 2, dated 04.10.2021.
2. Government Letter No. 59286/ Fin(Res-II)/ 2021-1, Finance Department, dated : 15.02.2022.

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### **ORDER:**

During the Demand for Grants for Water Resources Department for the year 2021-2022 held on 23.8.2021, the Hon'ble Minister for Water Resources on the floor of the Assembly has announced "Vision Document for a New Dawn" for State and District level programme, all types of rehabilitation works for irrigation structures and for new major schemes were mentioned & based on that, it is proposed to repair 207 Tanks, Supply Channels, Ponds and their structures spread over 17 Basins of 31 Districts in a phased manner under NABARD assistance".

2. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal to the Government for according administrative sanction for 5 Nos. of Rehabilitation Works in Chennai Region at estimated cost of Rs.51.50 Crore as detailed below:

#### **I. Rehabilitation and Improvements to the Pandalam Anicut in Pandalam Village in Sankarapuram Taluk of Kallakurichi District at an estimated cost of Rs.0.85 Crore.**

The Mani river receives water from Kalrayan hills catchment area and local catchment. Pandalam Anicut is the 3<sup>rd</sup> anicut, located across Mani River. This anicut feeds Pandalam Tank which has an ayacut of 153.44 Ha. The total length of the anicut is 225m. Due to age, floods in the year of 2005, 2011, 2014 and continuous flow, presently in the anicut, the entire body wall portion of surplus escape and sand vent floor

to a length of 5.60m is damaged. There is no wearing coat provided for the entire length of the anicut.

**II. Providing Protection wall in Coleroon North Rajan Channel Left bank from LS 14985m to 16445m at Omampuliyur Village of Kattumannarkoil Taluk of Cuddalore District at an estimated cost of Rs.10.00 Crore**

Coleroon North Rajan Channel offtakes from Lower Anicut. The left side of the Channel passes through villages namely Omampuliyur, Kunjamedu and Muttom and parallel to this channel, a water course to field is present. Presently the breadth and height of the channel is declined due to which canal breaching occurs during monsoon. Raising the earthen bund's breadth and height to its original standards may result in decrease in the original width of the channel. Hence, in order to maintain the width of the channel, construction of protection wall for an length of 1260m is proposed on the Left bank in two reaches from LS 14985m to 15645m and from LS 15845 to 16445m.

**III. Construction of Flood Protection wall in LB and RB of Middle Paravanar from LS 0.85 Km to 7.50 Km in Bhuvanagiri and Kurinjipadi Taluks of Cuddalore District at an estimated cost Rs.15.00 Crore.**

The Middle Paravanar originates from Wallajah Tank. The portion of Paravanar river that flows between Wallajah Tank to Perumal Tank is named as Middle Paravanar. The Wallajah tank receives water from Vellar river at Sethiyathope anicut through Vellar Rajan Channel and from NLCIL mines. Due to flood in 2015, the middle Paravanar has breached in many places. Also the side banks has slipped. The inlets at various places are insufficient to carry the flood discharge.

**IV. Strengthening the damaged portions of the Krishna Water Supply Project Feeder Canal from LS 14.285 km and LS 21.500 km at an estimated cost Rs.19.05 Crore.**

The link canal originates from Poondi Reservoir and infalls to Chembarambakkam tank after travelling a distance of about 25 Km. The Krishna Water Supply Project was originally contemplated for providing water supply to Chennai city. The Feeder canal takes off from LS 10365m of Link canal in Sirukadal village and the total length of Feeder canal up to Red hills lake is 21500m. The canal from off take point to LS 14285m is designed as a lined canal and thereafter i.e from LS 14285-21500m, the canal is designed as earthen canal with side revetment. The unlined section of the canal also carries the discharge from Panayanthangal, Vellanoor and Koil padagai tanks.

**V. Capacity Enhancement by deepening & rehabilitation of Guduvanchery Tank in Adayar Sub Basin in Vandalur Taluk of Chengalpattu District at an estimated cost of Rs.6.60 Crore.**

Guduvanchery tank is one of the Non- system tanks in Adyar basin in Chennai Basin. It is located near Guduvancherry Village in Vandalur

Taluk of Chengalpattu District. The tank receives water from its upper tanks like Vallancheri tank, Thailavaram tank and its own catchment.

3. The Chief Engineer, Plan Formulation, Water Resources Department has stated that no land acquisition is involved in these Schemes and the estimates have been prepared based on the Schedule of Rates for 2021- 2022 and requested for administrative sanction for 5 Nos. of Rehabilitation Works in Chennai Region at an estimated cost of Rs.51.50 Crore.

4. In the letter second read above, the proposal of the Chief Engineer, Plan Formulation, Water Resources Department for the above Rehabilitation works has been forwarded to NABARD for loan assistance under RIDF XXVII for the year 2021-2022 at a cost of Rs.51.50 Crore.

5. The Government, after careful examination, have decided to accept the proposal of the Chief Engineer, Plan Formulation, Water Resources Department in anticipation of loan assistance from NABARD under RIDF. Accordingly, administrative sanction is accorded for 5 Nos. of Rehabilitation Works in Chennai Region at an estimated cost of Rs.51,50,00,000/- (Rupees Fifty one crore and fifty lakh only) in anticipation of NABARD loan assistance under RIDF XXVII for 2021-2022 as follows :

Sl No.	Name of the Work	Estimated Amount (Rupees in Crore)
1	Rehabilitation and Improvements to the Pandalam Anicut in Pandalam Village in Sankarapuram Taluk of Kallakurichi District.	0.85
2	Providing Protection Wall in Coleroon North Rajan Channel Left Bank from LS 14985m to 16445m at Omampuliyur Village of Kattumannarkoil Taluk of Cuddalore District	10.00
3	Construction of Flood Protection Wall in LB and RB of Middle Paravanar from LS 0.85 Km to 7.50 Km in Bhuvanagiri and Kurinjipadi Taluks of Cuddalore District.	15.00
4	Strengthening the damaged portions of the Krishna Water Supply Project Feeder Canal from LS 14.285 km to LS 21.500 km.	19.05
5	Capacity Enhancement by deepening & rehabilitation of Guduvanchery Tank in Adayar Sub Basin in Vandalur Taluk of Chengalpattu District	6.60
	<b>Total</b> (Rupees Fifty one crore and fifty lakh only)	<b>51.50</b>

6. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai and the District Collectors shall involve

the farmers in the rehabilitation works and ensure that proper documentation is done in all the above works to avoid complaints and pilferage.

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 the 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.18223/PW-II/2022, dated.28.04.2022.

**(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, Chennai Region, Chennai-5.

The Chief General Manager, NABARD, 48, Mahatma Gandhi Road, Post Box No.6074, Nungambakkam, Chennai -34.

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

The District Collectors, Kallakurichi/ Cuddalore/ Tiruvallur/ Chengalpattu.

The District Treasury Officers, Kallakurichi/ Cuddalore/ Tiruvallur/ Chengalpattu.

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

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), Secretariat, Chennai-9.

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

The Water Resources (OP-II)/I-Spl) Department, Secretariat, Chennai-9.

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**// Forwarded by Order //**

*J. Mani Chand*  
28/04/2022  
**Section Officer**  
KDS  
28/04/2022