



ABSTRACT

Water Resources Department - Announcement made by Hon'ble Minister (Water Resources) for 2021-2022 - 4 Nos. of Rehabilitation Works in Coimbatore Region at an estimated cost of Rs.10.50 Crore - Sanction accorded - Orders issued.

Water Resources (S1) Department

G.O. (4D) No.30

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 / Announcement 2021-22 / CBR / AE5 / OT4 /207 Rehabilitation - 7 / 2021, dated.11.10.2021.
2. Government Letter No.59274 / 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 that "Based on the types of rehabilitation works for irrigation structures and for new major schemes mentioned in the 'Vision document for a New Dawn' for State and District level programme, 207 tanks, supply channels, ponds and their structures spread over 17 basins of 31 Districts will be rehabilitated 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 for 4 Nos. of Rehabilitation Works in Coimbatore Region at estimated cost of Rs.10.50 Crore as detailed below :

- I. Rehabilitation of Pudupalayam Branch Canal from L.S. 0.000 Km to 5.500 Km in Udumalpet Taluk of Tiruppur District at an estimated cost of Rs.4.20 Crore

Pudupalayam Branch Canal off takes of L.S 31.080 Km (R) Parambikulam Main Canal (PMC) and runs to length of 13.545 Km. Its irrigates and extent of 7210 acres in Zone IInd 7329 acres in Zone IV under alternate sluice irrigation pattern. The Channel is having 2 Syphons and 7 regulators between L.S. 0 Km to 5 Km.

The Pudupalayam Branch canal runs through several patches of black cotton soil in the above reach. Due to swelling pressure of the soil in nature the Cement concrete and Precast Cement Concrete

slab of the bed and sides of the channel have been heavily damaged and slided, inside the bed of channel which causes reduction in the channel size and thus obstructing the free flow of water and required discharge in the Channel.

For the reasons mentioned above, it is presumed that the P.C.C. trough section / PCC retaining wall Trapezoidal section and RR masonry are more preferable so as to avoid precarious condition of the Pudupalayam Branch Canal in the above reach.

II. Rehabilitation of Canal syphons and cross masonry structures in Manupatty Branch Canal from Udumalpet canal in Udumalpet Taluk of Tiruppur District at an estimated cost of Rs. 2.50 Crore

Manupatty Branch Canal takes off from Udumalpet canal and runs for a length of 10.200 Km. It irrigates an extent of 11547 acres. This branch canal has 18 No of sluices and has 10 No. of Canal syphons. Manupatty Branch Canal was originally designed to irrigate to an extent of 3836 acres. In ayacut extension period, 7711 acres were included in this canal. Now Manupatty canal irrigates 11547 acres in two zones. Before ayacut extension the syphon provided with one vent of barrel size 1.2 m x 1.0 m. During ayacut extension additional pipe syphon of size 0.90 m diameter is provided to draw additional water for the extended ayacut areas.

At present due to continuous flow it is found that the canal syphons at LS 1.050 Km, 2.650 Km and 3.400 Km are in dilapidated condition and there is leakage in the structures. Also there is head up of water due to the barrel syphon and pipe syphon arrangement. Hence it is not possible to draw the required quantity of water leaving the tail end areas with inadequate supply.

III. Rehabilitation of Gomangalam Distributory in Pollachi Taluk of Coimbatore District at an estimated cost of Rs. 2.00 Crore

The Gomangalam distributory off takes at LS 21.220 Km of Parambikulam Main Canal and runs to a length of 5.115 Km. It irrigates an extent of 1078 acres in II zone and IV zone under alternate sluice irrigation pattern in Pollachi constituency. At present the many portion of the canal is in dilapidated condition and also the appurtenant of canal such as, syphons and cross masonry sluices are also in damaged conditions. It leads to leakage of water in canal and loss of water. Thus the conveyance efficiency of the system has got reduced considerably. It results in shortage of water to tail end area. In order to improve the conveyance efficiency prevention of seepage of water from canal is necessary. So the rectification of deteriorated canal side lining is found to be essential to enhance the system efficiency.

IV. Rehabilitation of Karatholuvu old channel taking off from Karatholuvu old anicut across Amaravathi River at LS 35.36 Km in Madathukulam Taluk of Tiruppur District at an estimated cost of Rs. 1.80 Crore

Amaravathi River irrigation system is served by 25 irrigation channels taking off from 15 anicuts. The Karatholuvu old channel runs for a

length of 12.472 Km as Contour canal irrigating ayacut of 252.93 hectare. The entire channel is having seepages throughout the entire length in the weak portions and also flood water drains are in falling in the left side of canal which results in bund erosion.

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 4 Nos. of Rehabilitation Works in Coimbatore Region at a cost of Rs.10.50 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.10.50 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 4 Nos. of Rehabilitation Works in Coimbatore Region at an estimated cost of Rs.10,50,00,000/- (Rupees Ten 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	Sanctioned Amount (Rs. in Crore)
1.	Rehabilitation of Pudupalayam Branch Canal from L.S. 0.000 Km to 5.500 Km in Udumalpet Taluk of Tiruppur District	4.20
2	Rehabilitation of Canal Syphons and Cross Masonry Structures in Manupatty Branch Canal from Udumalpet Canal in Udumalpet Taluk of Tiruppur District	2.50
3.	Rehabilitation of Gomangalam Distributory in Pollachi Taluk of Coimbatore District	2.00
4.	Rehabilitation of Karatholuvu Old Channel taking off from Karatholuvu Old Anicut across Amaravathi River at LS 35.36 Km in Madathukulam Taluk of Tiruppur District	1.80
	Total	10.50

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 Management Systems Portal under the control of Chief Engineer, Institute of Water Studies, Hydrology and Quality Control to ensure effective database in the Water Resources Department.

8. This order issues with the concurrence of Finance Department vide its U.O. No.18206/PW-II/22 dated.26.04.2022.

(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, Institute of Water Studies, Hydrology and Quality Control, Taramani, Chennai-113.

The Chief Engineer, Water Resources Department, Coimbatore Region, Coimbatore-1.

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

The District Collectors, Tiruppur / Coimbatore.

The District Treasury Officers, Tiruppur / Coimbatore.

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 //

S. Manikavelu
28/04/2022
Section Officer
KPS
28/04/2022