



ABSTRACT

Water Resources Department - Announcement made by the Hon'ble Minister for Water Resources for 2023-2024 - Construction of bridges, causeways across small rivers and streams, road and foot path on bunds at 4 places in two Districts at an estimated cost of Rs.48.36 Crore- Administrative Sanction accorded - Orders issued.

Water Resources (S1) Department

G.O. (Ms) No.41

Dated.20.06.2023

சோபகிருது, ஆணி 5

திருவள்ளூர் ஆண்டு 2054

Read:

- 1.From the Chief Engineer, Water Resources Department, Plan Formulation Letter No. B4/ 2905 / 2023 / 3(CCWS)/CR/ AE1 / OT3, dated.11.04.2023.
- 2.From the Chief Engineer, Water Resources Department, Plan Formulation Letter No. B4/ 2905/ 2023/12 (Bridges)/ AE1 / OT3, dated.24.05.2023.

•/•/•

ORDER:

During the Demand for Grants for Water Resources Department for the year 2023-2024, held on 29.03.2023, the Hon'ble Minister for Water Resources on the floor of Assembly has announced that Construction of bridges and causeways across small rivers and streams, road and walking track on bunds at 4 places in two Districts will be carried out at an estimated cost of Rs.49.10 crore.

2. In the letter 2nd read above, based on the above announcement, the Chief Engineer, Water Resources Department, Plan Formulation has sent a proposal for Construction of bridges and causeways across small rivers and streams, road and walking

track on bunds at 4 places in two Districts at an estimated cost of Rs.48.36 crore and the scheme envisages as follows:-

I. Construction of Bridge across Panapallam odai and special repair to aqueduct at L.S.4.120 km of Karaipatti Channel in Anaimalai Taluk of Coimbatore District at an estimated amount of Rs 1.56 Crore.

- a. The Aliyar river originates in the Anaimalai Hills in Anaimalai Taluk of Coimbatore District. After flowing along the slope of Western Ghats in a North West direction for about 23 Km it enters into the plains at Aliyar nagar, where Aliyar dam is constructed. There are five Anicuts with diversion channels below the Aliyar dam in Tamil Nadu limit to irrigate 6400 acres of wet land. This system exists prior to the construction of Aliyar dam.
- b. The Karaipatti anicut is the 3rd anicut from the Aliyar dam. The Karaipatti channel is 11.220 km long and irrigates 781.60 acres land. The Karaipatti Channel is an earthen channel intended for carrying irrigation water as well as flood water collected from the adjacent field during flood time. During the November 2021 flood, due to a heavy inflow in the Karaipatti Channel a breach of 10m occurred adjacent to small aqueduct on the left bank of Karaipatti Channel @ L.S 4.12 Km. The breach has been temporarily restored with empty gunny bags filled with sand to protect the bund. Also at the same location, a causeway which connects the Jeep track was also completely eroded and fully damaged. Subsequently, the causeway had been temporarily restored to cater the needs of the farmers and Villagers.
- c. During the last monsoon, the heavy inflow of flood to the Panapallam odai which tributes Aliyar river caused erosion in the temporarily restored causeway deteriorated the huge pipes and washed away in the flood.
- d. As this odai has its catchment from the reserved forests of Anaimalai range, the discharges are generally on the higher side. Instead of Causeway, a high level bridge has been proposed at this place to mitigate this unprecedented flood happening. Also, the aqueduct at this location carrying Karaipatti Channel water essentially required to be strengthened.

- e. The estimate contains the following components of work:-
 - i. Special repairs to Aqueduct at Ls.4.120km of Karaipatti Channel
 - ii. Construction of single lane Bridge across Panapallam Odai
 - iii. Strengthening the breached portion of Karaipatti Channel.
- f. The estimate cost works out to Rs.1.56 crore as per the Schedule of Rates 2023-2024.

II. **Formation of Road on the Right Bank of Koundanya Mahanadi River from Thalayatham to Sempalli road in Gudiyatham Town of Vellore District at an estimated amount of Rs. 30.19 Crore .**

- a. Koundanya Nadhi is a minor tributary of river Palar. It originates in Punganur Village in Chittoor Taluk of Andhra Pradesh and runs a distance of about 5 k.m and enters into Tamil Nadu at Synagunta Village after which it runs about 25 km and joins with Palar river on its left bank near Pallikonda village in Vellore Taluk.
- b. During the flood time in Koundanya River, larger volume of water outflanks on either side of the river causing damages to the nearby areas.
- c. Even during the Mordhana Reservoir Water Regulation period, the public residing near Thalayatham village and Gudiyatham town were unable to access from one bank to the other bank of the Koundanya River. The proposed site is situated in Gudiyatham Town of Vellore District.
- d. Hence, to prevent the town from flood damages, to regulate excess traffic flow in the Gudiyatham town and to link the surrounding Villages, it is proposed to form a Road on the right bank of Koundanya Mahanadi river from Thalayatham to Sempalli road in Gudiyatham Town.
- e. The following provisions are made in the estimate:-
 - i. Formation of road
 - ii. Providing Paver block
 - iii. Construction of 4 box culverts of size 2m X2m
 - iv. Construction of 1 box culverts of size 3m X3m
 - v. Construction of retaining wall
 - vi. Provisions for road furniture and EB pole shifting.

- f. By Implementing this scheme, about 170,000 people in and around the Gudiyatham Town & Taluk and about 3600 farmers residing in the surrounding villages will be able to carry their agricultural products.
- g. The detailed estimate has been prepared based on the Schedule of Rates for the year 2023 - 2024 and the amount works out to Rs.30.19 crore.

III. Construction of Vented Causeway across Koundanya Mahanadi River near Gangaianman Koil in Gudiyatham Town of Vellore District at an estimated amount of Rs.13.70 Crore .

- a. Koundanya Nadhi is a minor tributary of river Palar. It originates in Punganur Village in Chittoor Taluk of Andhra Pradesh and runs a distance of about 5 k.m and enters into Tamil Nadu at Synagunta Village after which it runs about 25 km and joins with Palar river on its left bank near Pallikonda village in Vellore district.
- b. During the flood time in Koundanya river, larger volume of water outflanks on either side of the river causing damages to the nearby areas. The proposed site is situated in Gudiyatham town of Vellore District. Also during flood times, vehicles were not able to access from one end to another end of the Koundanya river near Gudiyatham Gangaianman Kovil.
- c. Hence, to prevent the town from flood damages, to regulate excess traffic flow in the Gudiyatham town and to link the surrounding Villages, it is proposed to construct a vented causeway across Koundanya Mahanadi river near Gangaianman Koil in Gudiyatham town.
- d. By Implementing this scheme, about 2,50,000 people in and around the Gudiyatham Town & Taluk and surrounding villages will be benefitted.
- e. The detailed estimate has been prepared based on the Schedule of Rates for the year 2023 - 2024 and the amount works out to Rs. 13.70 crore.

IV. Providing Walking track on the left bank of Koundanya Mahanadi River in Gudiyatham Town of Vellore District at an estimated amount of Rs.2.91 Crore .

- a. Koundanya Nadhi is a minor tributary of river Palar. It originates in Punganur Village in Chittoor Taluk of Andhra Pradesh and runs a distance of about 5 k.m and enters into Tamil Nadu at Synagunta Village after which it runs about 25 km and joins with Palar river on its left bank near Pallikonda village in Vellore district.
- b. During the flood time in Koundanya river, large volume of water outflanks on either side of the river causing damages to the nearby areas. The proposed site is situated in Gudiyatham town of Vellore District. Also during flood times, vehicles were not able to access from one end to another end of the Koundanya river near Gudiyatham Gangaianman Kovil.
- c. Hence, to prevent the town from flood damages, to regulate excess traffic flow in the Gudiyatham town and to link the surrounding Villages, it is proposed to provide walking track on the left bank of Koundanya Mahanadi river in the down stream of Kamarajar bridge in Gudiyatham Town. It is proposed to provide a walking path along with crash barriers, lighting arrangements, tree plantations, water supply arrangements, benches etc.,
- d. By Implementing this scheme, about 2,50,000 people in and around the Gudiyatham Town & Taluk and surrounding villages will be benefitted.
- e. The detailed estimate has been prepared based on the schedule of rates for the year 2023-2024 and the amount works out to Rs.2.91 crore.

3. The Chief Engineer, Plan Formulation, Water Resources Department has requested to accord administrative sanction for the work of construction of foot bridge across the streams bund road, foot paths on banks of small rivers and streams at 4 places in two districts at an estimated cost of Rs.48.36 Crore.

4. The Government after careful examination, have decided to accept the proposal of the Chief Engineer, Plan Formulation, Water Resources Department. Accordingly, administrative sanction is accorded for construction of bridges, causeways across small rivers and streams, road and foot path on bunds at 4 places in Coimbatore

and Vellore Districts at an estimated cost of Rs.48.36 Crore (Rupees Forty eight crore and thirty six lakh only) as follows:-

Sl. No	Name of work	Estimate (as per 2023-2024 Schedule of Rates) (Rs. in crore)
1	Construction of Bridge across Panapallam odai and special repair to aqueduct @ L.S.4.120 km of Karaipatti Channel in Anaimalai Taluk of Coimbatore District.	1.56
2	Formation of road on the right bank of Koundanya Mahanadi river from Thalayatham to Sempalli road in Gudiyatham Town of Vellore District.	30.19
3	Construction of Vented Causeway across Koundanya Mahanadi river near Gangalamman Koil in Gudiyatham Town of Vellore District.	13.70
4	Providing Walking track on the left bank of Koundanya Mahanadi river in Gudiyatham Town of Vellore District.	2.91
	Total	48.36

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

Work at S.No.1 – Rs.1,56,00,000/-

4702 - 00 - Capital Outlay on Minor Irrigation -
 101 - Surface Water - State's Expenditure -
 AF - Parambikulam - Aliyar Basin Canal -
 416 - Major Works - 01 Major Works.

(IFHRMS DPC 4702 - 00 - 101 - AF - 416 01)

Work at S.No.2, 3 and 4 – Rs.46,80,00,000/-

4700 - Capital Outlay on Major Irrigation -
 03 Palar Basin - 800 - Other Expenditure
 State's Expenditure - EA - Water Courses -
 416 - Major Works - 01 Major Works.

(IFHRMS DPC 4700 - 03 - 800 - EA - 416 01)

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 initially will be met by drawal of an advance from the Contingency Fund. Orders regarding which will be issued by Finance (BG-I) Department separately. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai is directed to send necessary proposal to Government in Finance (BG-I) Department directly in Form "A" appended to the Tamil Nadu Contingency Fund Rules, 1963 along with a copy of this order for sanction of an advance from the Contingency Fund. He is also directed to send necessary Explanatory Notes for inclusion of the above expenditure in the Supplementary Estimate 2023 - 2024 to Finance (Infra-II / BG-I) Department at an appropriate time without fail.

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. The Chief Engineer, Plan Formulation and Chief Engineer, Chennai Region and Coimbatore Region, Water Resources Department are directed to ensure designs, drawings and description of works prescribed in the estimate should be same while according Technical Sanction.

9. This order issues with the concurrence of Finance Department vide its U.O. No.23/DS(SA)/Fin(Infra-2)/2023, dated.20.06.2023 and Additional Sanction Ledger No.328 (Three hundred and twenty eight) (IFHRMS ASL No.2023060328).

(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 Engineer, Water Resources Department, Coimbatore Region, Coimbatore-2.

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

The District Collector, Coimbatore.

The District Collector, Vellore.

The District Treasury Officer, Coimbatore.

The District Treasury Officer, Vellore.

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, O/o. Principal Accountant General (General
and Social Sector Audit), 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 (Infra.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 //

Mani
23/06/2023

Section Officer.

MSD
23.6.2023