



## **ABSTRACT**

Water Resources Department – Announcement made by the Hon'ble Minister (Water Resources) for the year 2023 – 2024 – Flood Mitigation and Renovation works, in the affected areas of Cuddalore, Trichy, Mayiladuthurai, Virudhunagar and Tirunelveli Districts at an estimated cost of Rs.57.2425 crore – Administrative and Financial Sanction – Accorded - Orders issued.

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

**G.O (2D) No.45**

**Dated.01.09.2023**

சோபகிருது, ஆவணி 15,  
திருவள்ளூர் ஆண்டு 2054

Read :

1. From the Chief Engineer, Plan Formulation, Water Resources Department, Chennai, Letter No. B4 / 2905 / 2023 / FM (O)/ AE2/OT2, dated. 13.04.2023 and 31.05.2023.
2. Government Letter No. 81/DS (B) / Fin (Res.II)/ 2023, Finance Department, dated. 19.06.2023.

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### **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, to avoid flood damages, 7 long term basis flood mitigation and renovation works will be carried out in the affected areas of Cuddalore, Trichy, Mayiladuthurai, Virudhunagar and Tirunelveli Districts at an estimated cost of Rs.58.45 Crore.

2. Based on the above announcement in the letters first read above, the Chief Engineer, Plan Formulation, Water Resources Department has sent a proposal for carrying out 7 long term basis flood mitigation and renovation works in the affected areas of Cuddalore, Trichy, Mayiladuthurai, Virudhunagar and Tirunelveli Districts at an estimated cost of Rs.57.2425 Crore on the Schedule of Rates for the year 2023 - 2024 and the scheme envisages as follows :

I. Permanent flood protection works to Vellar river near Murugangudi Village in Tittagudi Taluk of Cuddalore District - Estimate Amount : Rs.9.7394 crore

- (i) Vellar River is one of the major rivers in Cuddalore District. Vellar river originates at Chitteri hills and runs along Kollimalai - Pachamalai ranges in Salem District and flows towards south in the name " AMMA-Palayam River" for about 32 Kms. Beyond this it flows for about 37 Kms in an Easterly direction upto Thalaivasal in the name "Vasista Nadhi".
- (ii) At Thalaivasal the river flows in south easterly direction up to 4 kms above Tholudur regulator. At this place, a tributary of Kallar river known as Swethanadhi falls into this. The main river is known as "Vellar" and it runs in an easterly direction and finally empties into the Bay of Bengal near Portonovo in Cuddalore District. The last structure across the river is Sethiathope anicut.
- (iii) The Vellar bed slope is very steep. Hence the rate of runoff is very high. During floods, meandering of river happens by forming sand deposit on one side and erosion on the other side of the bank. Sometimes the flood water erodes the bank and enters into the patta lands of the adjacent villages.
- (iv) One such village is Murugangudi village. The Murugangudi village is located on the left bank of Vellar River about 7.00 km from Pennadam town. The Anaivari odai from Ariyalur district also confluences with Vellar at this location. Hence during monsoons, the water received from both Anaivari odai and Vellar is abnormal and tend to breach the banks of Vellar river.
- (v) There is a history of several flood damages that occurred in this place during the years 1991, 1992, 1996, 2003, 2005, 2007, 2008, 2010, 2015 and 2021 monsoon periods.
- (vi) The existing flood banks are not sufficient to accommodate the flood water and thus it enters into the nearby villages. This has caused damages to cultivable lands and lives of cattle's and public of the villages. This left bank was temporarily restored for a length of 800m by filling conveyed earth.
- (vii) Hence, it is very much essential to construct flood protection works at Murugangudi Village to save the cultivable lands and livestock from flood. The following flood protection works have been proposed :
  1. Construction of Protection wall
  2. Strengthening of Flood bank
  3. Improvements of Revetment

- (viii) By implementing these flood protection work, the frequent damages due to flood will be prevented in four villages namely Murugangudi, Thuraiyur, Kosapallam, Venkarumbur.
- (ix) About 6941 people residing in the nearby villages will be benefitted both directly and indirectly by implementing this scheme.

II. Strengthening and Improvements to Pazhavar odai in Tittagudi Taluk of Cuddalore District Estimate Amount : Rs.4.7999 Crore

(i) The Palavar Odai off takes at L.S 8993 m of Willington High Level Channel left bank in Avinangudi Village and flows through various villages and confluences with Periya odai in the U/S side of Dheevalur Anicut. This channel feeds 8 system tanks under Tholudhur anicut system. This odai acts as a drainage carrier also.

(ii) The Salient features of the odai are as follows

Length of Palavar odai	:	16089 m
No.of Weir in odai	:	4 Nos.
No.of culverts across the odai	:	6 Nos.
Overall bed width	:	3.50 (to) 4.00 m
Bed fall	:	0.12 in 100 m
Benefited tanks	:	8 Nos.

(iii) Presently, the channel is fully covered with jungle and the earth has been slipped from banks due to heavy floods. Also during floods the banks of the odai has breached submerging the adjacent land. The head sluice of Palavar odai is also in damaged condition with workout shutters.

(iv) Hence it is very much essential to rehabilitate the existing structures and desilt the channel to save the cultivable lands and livestock. The following flood protection works have been proposed.

1. Reconstruction of head sluice
2. Strengthening of flood bank
3. Construction of protection wall
4. Improvements of revetment

(v) By implementing these flood protection work, the frequent damages due to flood will be prevented in the nearby villages and ayacut of 160.01 hectares of land through 8 tanks under Tholudhur anicut system will be benefitted.

- (vi) About 25554 people residing in the nearby 15 villages will be benefitted directly and indirectly by implementing this scheme.

III. Flood Mitigation works to the Right bank of Coleroon River from LS 162.208 Km to 162.454 Km and from 162.80 Km to 163.00 Km in Alakkudi Village of Sirkali Taluk in Mayiladuthurai District - Estimate Amount : Rs.24.106 Crore

- (i) The river Coleroon is a major flood carrier branching off from the river Cauvery at Upper anicut and confluence with Bay of Bengal in Kattur Village of Sirkali Taluk in Mayiladuthurai District, after traversing a distance of 100 miles through Thanjavur and Mayiladuthurai Districts.
- (ii) Due to heavy rain in the catchment area of Mettur dam and in Karnataka and Kerala States during the year 2022, the dam reached its full capacity.
- (iii) Due to continuous rain in the catchment area and surplus water that released from Mettur dam, Mukkombu and Grand Anicut, heavy flood was occurred in the river Coleroon during the year 2022. The Maximum flood discharge observed at Lower anicut was 2,15,022 cusecs on 06.08.2022 and 2,21,925 cusecs on 18.10.2022.
- (iv) Due to meandering of river Coleroon from LS 161.60 km to 163.00 km, shoals are deposited on the left side, and the bed width of the river had reduced from its original width of 1866m to 254m in the past 10 years.
- (v) During the flood that occurred in the year 2022, the velocity of flow had increased due to small width of river and damaged the right bank of river Coleroon from LS 161.80 km to 163.00 km and topple the concrete sheet piles that were laid for bank protection
- (vi) Hence it is proposed to strengthen the right bank of river Coleroon from LS 162.208 Km to 162.454 Km and from 162.80 Km to 163.00 Km with stone revetment and to remove the shoals on the left side.
- (vii) The following components are made in the estimate
  1. Formation of revetment using 1.5 MT to 2 MT weight boulders to strengthen the right bank of Coleroon River.
  2. Regrading of river.
- (viii) By implementing the scheme, the villages of Alakkudi, Mahendrapalli, Mudalaimedu, Nanalpadukai, Semmangadu and Kattur will be protected from the flood damages.

IV. Flood Mitigation works to the left bank of Coleroon river in Anbil Village of Lalgudi Taluk in Trichy District - Estimate Amount : Rs.6.8342 Crore

- (i) The Upper Anicut is situated at 184 Km below Mettur Reservoir. At this point Cauvery bifurcates in two arms, in the right called as Cauvery and Left as Coleroon River Cauvery is a source for irrigation and Coleroon acts as a flood carrier respectively. The maximum discharging capacity of River Coleroon is 4.50 Lakh cusecs.
- (ii) Due to heavy South West Monsoon rain in the catchment area of Cauvery River, Mettur Dam has received copious inflow. The Upper Anicut received continuous inflow of flood water from 18.07.2022. The Upper Anicut diverted much of the flood water in to Coleroon River. Highest flood of 217151 cusecs was received at Upper Anicut on 05.08.2022. Grand Anicut also diverts much of the water into Coleroon after diverting necessary water to Delta areas.
- (iii) Due to continuous inflow from both Upper anicut and Grand Anicut the Left Bank of Coleroon River at LS 34200 m in Anbil village has been eroded. The Eroded Portion of Coleroon left bank in Anbil Village was temporarily restored using large size boulders.
- (iv) As a result of continuous erosion of Coleroon Left bank, it might completely breach which leads to affect 1.50 lakhs of people and livestock living in the nearby villages. To avert the threat and tense situation during flood time, it is necessary to permanently restore the flood eroded portion using construction of Gabion wall structure for a length of 151m at LS 34200m in Anbil Village which ensures safety of people living nearer to Left Bank of Coleroon River in Lalgudi Taluk of Trichy District.
- (v) The following are the main provisions made in this estimate.
  1. Providing Gabion structure with Mechanically Woven Double Twisted Hexagonal shaped wire Mesh Gabion Boxes.
  2. Laying needle punched and mechanically bonded Non-woven Geotextiles.
- (vi) By implementing this scheme in left bank of River Coleroon in Anbil village the adjacent villages such as Ananthimedu, Sengaraiyur, Ariyur, Keelanbil will be protected from sudden intrusion of Flood water and lots of Agricultural lands, will be

saved from inundation of flood water in villages adjacent to Coleroon river.

V. Dismantling the Existing Cofferdam from vent No.4 to 16 in South Coleroon at Upper Anicut in Vathalai Village of Manachanallur Taluk in Trichy District Estimate Amount : Rs.7.2086 Crore

- (i) The Upper Anicut popularly known as Mukkombu, is located between the Elamanur Village and Vathalai village in Trichy District. At Mukkombu, River Cauvery bifurcates into Cauvery and Coleroon River. Basically Cauvery River is an irrigation source whereas Coleroon is a flood carrier. A regulator arrangement consists of 45 Nos of vents (12mx1.8m) on southern arm and 10 Nos of vents (12mx1.8m) on northern arm was constructed during 1904.
- (ii) In the year 2018, due to heavy South West monsoon rain in the catchment area of Cauvery river in Kerala and Karnataka states, Mettur dam received Copious inflow. The Mettur dam was filled up to Full Reservoir Level (FRL) and the flood water was released in Cauvery river from 23.07.2018 to 01.08.2018 and further from 11.08.2018 to 25.08.2018.
- (iii) Highest flood of 243403 cusecs was realized at upper anicut on 18.08.18 and then receding. While the flood started receding in Upper Anicut on 22.08.2018, the inflow was 39562 cusecs, where Cauvery arm carrying 30067 cusecs and Coleroon arm Carrying 8195 cusecs. Unexpectedly and suddenly from vent no.6 to vent no.14, totally 9 vents across southern arm collapsed and fell.
- (iv) Due to collapse of 9 vents, the maximum flood water started escaping through this collapsed stretch in to Coleroon river.
- (v) The maximum design discharge of the southern arm in Coleroon regulator is 220910 Cusecs and northern arm is 49090 cusecs. The cofferdam acts as an obstruction and prevents the free flow in southern arm of Coleroon and hence the excess water was diverted in to Cauvery regulator.
- (vi) Due to obstruction of coffer dam in Coleroon regulator, additional water more than the requirement of delta was discharged in Cauvery river causing damages to the Cauvery river bank and more than required irrigation supply was realised in Cauvery at Grand Anicut. At Grand anicut head, excess water was released into Coleroon. Grand Anicut is also an ancient structure and realization in Grand anicut head should have to be limited to the irrigation needs. Hence, flood water has to be diverted to Coleroon at Upper Anicut to avoid any flood damages to the Grand Anicut head.

- (vii) The Upper Anicut is designed for the maximum discharge of 4.50 Lakhs Cusecs of water. If in future upper anicut receives more than 4.00 Lakhs cusecs of water, more than 55000 cusecs of flood water would be diverted into Cauvery regulator, due to the presence of coffer dam which will cause damage to the Cauvery regulator. If it is the scenario, it would also cause damage to the Grand anicut which is located at 25 Kms on the downstream of Upper anicut, and also would affect the people living adjacent to the bank of river Cauvery.
- (viii) Hence, it is necessary to completely dismantle the temporary Cofferdam up to sill level, to limit the supply of water to Cauvery river for irrigation needs and to divert the flood water to river Coleroon. By implementing the scheme the safety of Cauvery regulator and its subsequent structure in the downstream of Cauvery, Grand anicut and the safety of people will be ensured.

VI. Diversion of flood water from Thirupanikarisalkulam through Nedungulam and Megamudaiyar tanks to Chathiram puthukulam tank to avoid flood inundation in Tirunelveli Corporation area of Tirunelveli District - Estimate Amount : Rs.3.7898 crore

- (i) Thirupanikarisalkulam tank is a rainfed tank, located in Thirupanikarisalkulam village of Tirunelveli Taluk and District. It has 24 upper tanks and irrigates an ayacut of 413.14 acres through 4 sluices. This tank receives major run-off in north east monsoon season and discharges surplus waters through two surplus weirs of the tank during rainy seasons.
- (ii) This surplus water from Thirupanikarisalkulam tank enters Krishnaperi tank through Kodagan channel, which in turn enters Nainarkulam tank located in the heart of Tirunelveli town. On its way, the water spread over and surrounds the low pockets of residential area in Tirunelveli Town and inundates nearby areas, since most of the inlets and drains are blocked due to urbanization.
- (iii) During North East Monsoon 2021, flash floods inundated the Tirunelveli City area because of high rain intensity, combined with inappropriate drainage system. Hence, it is decided to divert a part of flood water to Chatramputhukulam tank through Nedungulam and Megamudaiyar tank without affecting the residential areas.
- (iv) Hence, it is very much essential to form flood protection works in order to avoid flood damages. The following flood protection works have been proposed in the estimate.
- Improvements and Provision of Head sluice in Thirupanikarisalkulam Tank

- Improvements to Nedungulam Tank
  - Improvements to Nedungulam surplus course
  - Improvements to Megamudaiyarkulam
  - Widening of surplus course from Pannaikulam to Chatramputhukulam
- (v) By implementing these flood protection works, the frequent damages due to flood will be prevented in nearby areas of Tirunelveli city.

VII. Reconstruction of existing culverts and to provide flood mitigation arrangements in Athikulam right branch canal near Ulakudi colony in Narikudi Block of Thiruchuli Taluk of Virudhunagar District - Estimate Amount : Rs.0.7646 Crore

- (i) Athikulam Anicut is located across Gridhumal River at LS 38 km in Virudhunagar District. Two channels namely Left and Right Main Canals offtake from it and feed eight tanks. The left main channel feeds water to Irunchirai, Maraiyur and Athikulam tanks and the right main channel feeds water to Ulakudi, Manur, Athithanendal, Narikudi and N. Mukkulam tanks respectively.
- (ii) The Salient features of the Athikulam Anicut are as follows
- |                                      |   |               |
|--------------------------------------|---|---------------|
| Length of Anicut                     | : | 60.00m        |
| Height of Anicut                     | : | 1.40m         |
| Total ayacut benefited               | : | 2792.89 acres |
| Tanks benefitted by Left Main canal  | : | 3 Nos.        |
| Tanks benefitted by Right Main canal | : | 5 Nos.        |
| Benefited Tanks                      | : | 8 Nos         |
- (iii) The Right Main canal from Athikulam Anicut, runs upto 1810m length and bifurcates at right and left side as Ulakudi and Manur supply channels respectively. The Right side, which is Ulakudi Supply Channel feeds Ulakudi Tank and the Left side which is Manur supply Channel feeds Manur Tank and its lower tanks.
- (iv) At present, the Manur Supply Channel is almost silted up and the earthen bunds of the supply channel are in dilapidated condition from LS 6015m to LS 6315m. Due to this, the water from the canal gets outflanked near Ulakudi Colony (LS 6015m to LS 6315m) and enters into the residential area.



- (v) It has been proposed to reconstruct two Road Culverts at LS 6130m and LS 6230m, as the existing old Road Culverts are unable to adopt the discharge of the channel. This causes stagnation of water which leads to the intrusion of water into the colony area by damaging the earthen bund. Moreover, at some vulnerable reaches of supply channel which often gets breached during monsoons are hence proposed for construction of protection wall in the supply channel.
- (vi) Hence it is very much essential to rehabilitate the existing structures and desilt the channel, in order to avoid flood damages and thus to save people, livestock and cultivable lands,. The following flood protection works have been proposed.
1. Clearing Juliflora Jungle
  2. Desilting of channel
  3. Strengthening the Supply channel Bunds
  4. Reconstruction of two Road Culverts.
  5. Construction of new Protection wall.
  6. Provision for Surplus escape
  7. Repairs to head Sluice.
- (vii) By implementing these flood protection works, the frequent damages caused due to flood will be prevented near Ulakkudi Colony.

3. The Chief Engineer, Plan Formulation, Water Resources Department has informed that the estimates for an amount of Rs.57.2425 Crore have been prepared based on the Schedule of Rates for the year 2023-2024 and requested to accord administrative sanction for the works as follows :

Sl. No.	Name of work	Estimate on SOR 2023-2024 (Rupees in crore)
1	Permanent flood protection works to Vellar river near Murugangudi village in Tittagudi Taluk of Cuddalore District	9.7394
2	Strengthening and Improvements to Pazhavar odai in Tittagudi Taluk of Cuddalore District	4.7999
3	Flood Mitigation works to the Right bank of Coleroon River from LS 162.208 Km to 162.454 Km and from 162.80 Km to 163.00Km in Alakkudi village of Sirkali Taluk in Mayiladuthurai District	24.106

Sl. No.	Name of work	Estimate on SOR 2023-2024 (Rupees in crore)
4	Flood Mitigation works to the left bank of Coleroon river in Anbil Village of Lalgudi Taluk in Trichy District	6.8342
5	Dismantling the Existing Coffe dam from vent No.4 to 16 in South Coleroon at Upper Anicut in Vathalai village of Manachanallur Taluk in Trichy District	7.2086
6	Diversion of flood water from Thirupanikarisalkulam through Nedungulam and Megamudaiyar tanks to Chathiram Puthukulam tank to avoid flood inundation in Tirunelveli Corporation area of Tirunelveli District	3.7898
7	Reconstruction of existing culverts and to provide flood mitigation arrangements in Athikulam right branch canal near Ulakudi colony in Narikudi Block of Thiruchuli Taluk of Virudhunagar District.	0.7646
	Total	57.2425

4. In the letter 2<sup>nd</sup> read above, the proposal of the Chief Engineer, Plan Formulation, Water Resources Department for the above 6 Flood mitigation works except one work at Sl.No.5 have been forwarded to NABARD for loan assistance under RIDF XXIX for the year 2023 – 2024 at an estimated cost of Rs.50.0339 Crore.

5. The Government after careful examination have decided to accept the proposal of Chief Engineer, Water Resources Department, Plan Formulation in which out of 7 Works, one work at Sl.No.5 under State Fund and remaining 6 works viz., Sl.No.1 to 4, 6 and 7 under NABARD Loan Assistance RIDF XXIX for 2023 - 2024. Accordingly, Administrative Sanction is accorded for carrying out Flood mitigation and renovation works, in the flood affected areas of Cuddalore, Trichy, Mayiladuthurai, Virudhunagar and Tirunelveli Districts for Rs.57,24,25,000/- (Rupees Fifty seven crore twenty four lakh and twenty five thousand only), The Government also accord Financial sanction for a sum of Rs.17,19,46,000/- (Rupees Seventeen crore, Nineteen lakh and forty six thousand only) for the year 2023 – 2024 and the balance

amount will be released in the subsequent Financial year based on the progress of works and requirements as follows:

(Rupees in crore)

Sl. No	Name of work	Administrative sanction (Schedule of Rates 2023-2024)	Source of Fund	Financial sanction for the financial year 2023 - 2024
1.	Permanent flood protection works to Vellar river near Murugangudi Village in Tittagudi Taluk of Cuddalore District	9.7394	NABARD - RIDF XXIX 2023 - 2024	2.90
2.	Strengthening and Improvements to Pazhavar odai in Tittagudi Taluk of Cuddalore District	4.7999	NABARD - RIDF XXIX 2023 - 2024	1.40
3.	Flood Mitigation works to the Right bank of Coleroon River from LS 162.208 Km to 162.454 Km and from 162.800 Km to 163.000 Km in Alakkudi village of Sirkali Taluk in Mayiladuthurai District	24.106	NABARD - RIDF XXIX 2023 - 2024	7.00
4.	Flood Mitigation works to the left bank of Coleroon river in Anbil Village of Lalgudi Taluk in Trichy District	6.8342	NABARD - RIDF XXIX 2023 - 2024	2.00
5.	Dismantling the Existing Cofferdam from vent No.4 to 16 in South Coleroon at Upper Anicut in Vathalai Village of Manachanallur Taluk in Trichy District	7.2086	STATE FUND	2.00
6.	Diversion of flood water from Thirupanikarisalkulam through Nedungulam and Megamudaiyar tanks to Chathiram Puthukulam tank to avoid flood inundation in Tirunelveli Corporation area of Tirunelveli District	3.7898	NABARD - RIDF XXIX 2023 - 2024	1.13

7.	Reconstruction of existing culverts and to provide flood mitigation arrangements in Athikulam right branch canal near Ulakkudi colony in Narikudi Block of Thiruchuli Taluk of Virudhunagar District.	0.7646	NABARD - RIDF XXIX 2023 - 2024	0.7646
	<b>Total</b>	57.2425		17.1946

6. The amount sanctioned in para 5 above shall be debited to the following Head of Account

For Sl. Nos. 1 & 2 - Rs.14,53,93,000/-

4700 - Capital Outlay on Major Irrigation -  
04 - Vellar Basin - 800 - Other Expenditure -  
State's Expenditure - DB - Weir - NABARD assistance -  
416 Major works - 01 Major works.

(IFHRMS DPC: 4700 - 04 - 800 - DB - 41601)

For Sl. Nos. 3 & 4 - Rs.30,94,02,000/-

4700 - Capital Outlay on Major Irrigation -  
01 - Cauvery Basin - 800 - Other Expenditure -  
State's Expenditure - EB - Water Course -  
NABARD assistance - 416 Major works - 01 Major works.

(IFHRMS DPC: 4700 - 01 - 800 - EB - 41601)

For Sl. No.5 - Rs.7,20,86,000/-

4700 - Capital Outlay on Major Irrigation -  
01 - Cauvery Basin - 800 - Other Expenditure -  
State's Expenditure - EA - Water Course -  
416 Major works - 01 Major works.

(IFHRMS DPC: 4700 - 01 - 800 - EA - 41601)

For Sl. No.6 - Rs.3,78,98,000/-

4701 - Capital Outlay on Medium Irrigation -  
01 - Thamiraparani Basin - 800 - Other Expenditure -  
State's Expenditure - CB - Canals - NABARD assistance -  
416 Major works - 01 Major works.

(IFHRMS DPC:4701 - 01 - 800 - CB - 41601)

For Sl. No. 7 - Rs.76,46,000/-

4701 - Capital Outlay on Medium Irrigation -  
04 - Gundar Basin - 800 - Other Expenditure -  
State's Expenditure - CB - Canals -  
NABARD assistance - 416 Major works -  
01 Major works.

(IFHRMS DPC:4701 - 04 - 800 - CB - 41601)

7. The expenditure sanctioned in para 5 above shall constitute an item of "New Instruments of Services" and the approval of Legislature will be obtained in due course. Pending approval of the legislature, the expenditure may be initially met by drawal of an advance from the Contingency Fund. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai is directed to calculate the actual amount required for the period upto next Supplementary Estimates and apply for sanction of same as advance from Contingency Fund to Finance (BG-I) Department directly in Form "A" appended to Tamil Nadu Contingency Fund Rules, 1963, along with a copy of this order. Orders for sanction of an advance from the Contingency Fund will be issued from Finance (BG-I) Department. Further, he is also directed to send necessary draft explanatory notes for the inclusion of the above expenditure in the Supplementary Estimates for the year 2023 - 2024 to Finance (Infra-II / BG-I) Department at the appropriate time without fail.

8. 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.

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

10. This order issues with the concurrence of Finance Department vide its U.O. No.28985/Infra-II/23, dated.31.08.2023 and Additional Sanction Ledger No.847 (Eight hundred and forty seven). (IFHRMS ASL No.2023080847)

**(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, Water Resources Department, Chennai Region, Chennai.

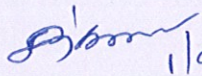
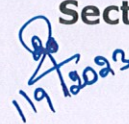


The Chief Engineer, Water Resources Department, Trichy Region, Trichy.  
The Chief Engineer, Water Resources Department, Madurai Region, Madurai.  
The Chief Engineer, Water Resources Department, Plan Formulation, Chennai-5.  
The Chief Engineer, Institute of Water Studies, Hydrology and Quality Control, Taramani, Chennai-113.  
The Chief General Manager, NABARD, 48, Mahatma Gandhi Road, Post Box No.6074, Nungambakkam, Chennai -34.  
The District Collectors, Cuddalore, Mayiladuthurai, Trichy, Tirunelveli, Virudhunagar Districts.  
The District Treasury Officers, Cuddalore, Mayiladuthurai, Trichy, Tirunelveli, Virudhunagar Districts.  
The Principal Accountant General (A&E/ E&RSA), Chennai-18.  
The Pay and Accounts Officer (East)/South, Chennai-8.  
The Pay and Accounts Officer, Trichy.  
The Pay and Accounts Officer, Madurai.  
The Principal Accountant General (A&E), 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 the Hon'ble Minister, (Finance & HRM) Secretariat, Chennai-9.  
The Special Personal Assistant to Hon'ble Minister (Water Resources), Secretariat, Chennai-9.  
The Finance (Infra-II / BG-I / BG-II, W&M-I / Res.II), Department, Secretariat, Chennai-9.  
The Water Resources (OP-II) / I-Spl) Department, Secretariat, Chennai-9.  
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**// Forwarded by Order //**

  
11/9/2023  
**Section Officer**  
  
11/9/2023