



## **ABSTRACT**

Water Resources Department – Announcement made by the Hon'ble Minister for Water Resources for 2022-2023 - Construction of Check dams at 3 places in 3 Districts at an estimated cost of Rs.7,69,84,000/- - Administrative and Financial Sanctions accorded - Orders issued

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

**G.O (Ms) No.75**

**Dated 16.08.2022**

சுபகிருது, ஆடி 31

திருவள்ளூர் ஆண்டு 2053

Read:

From the Chief Engineer, Plan Formulation, Water Resources Department, Chennai Letter No. B4 / 0604 / Announcement 22 - 23 / CD / AE4 / OT2 / 2022, dated 13.04.2022 and 15.06.2022.

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### **ORDER:**

While presenting the Budget for the year 2021- 2022 the Hon'ble Minister of Finance had announced on 13.08.2021, that "To conserve and appropriately utilize the limited water resources of the State, 1,000 check dams and barrages are planned to be constructed over the next 10 years." Based on the above announcement, during the Water Resources Department's Demand for Grant for the year 2021-2022 held on 23.08.2021, the Hon'ble Minister of Water Resources had announced that "In all Districts, it is proposed to construct 190 Check Dams, 4 Subsurface Dykes, 6 Barrages, 2 Tail end Regulators and 12 Anicuts during the year 2021-2022".

2. In continuation, during the Water Resources Department's Demand for Grants for the year 2022 - 2023 held on 06.04.2022, the Hon'ble Minister for Water Resources has announced that construction of Check dams at 10 places in 8 Districts of Tamil Nadu will be carried out at an estimated cost of Rs.71.64 crore.

3. Based on the above announcement, the Chief Engineer, Plan Formulation, Water Resources Department, has sent a proposal for construction of Check dams at 3 places in 3 Districts at an estimated cost of Rs.8.44 crore as follows:

I. Construction of Check Dam across the Periyapallam Odai in Tholampalayam Village of Mettupalayam Taluk in Coimbatore District at an estimated cost of Rs.2.99 Crore

- i) The proposed check dam will be across Periyapallam Odai in Tholampalayam Village of Mettupalayam Taluk in Coimbatore District. The proposed check dam site falls under Bhavani Sub-Basin of Cauvery Basin and lies in Mettupalayam Assembly constituency. By implementation of this scheme, it is estimated that totally about 127 Nos. of open wells and 22 Nos. of bore wells would get recharged and an extent of 46 acres ayacut would be benefitted in Tholampalayam Village.
- ii) Salient features of the Check dam are

Location	: Latitude- 11°10' 58"N Longitude-76°49'66" E
Maximum Flood Discharge	: 2565 Cusecs
Length of the Check dam	: 16.00 m
Height of Check dam	: 1.50 m.
Firkha and Category	: Mettupalayam / Semi critical
Zone of recharge	: Moderately Favourable
Length of flood banks	: --- (not required)
Ayacut benefitted	: 46 acres
No. of wells benefitted	: 149 Nos
Upstream structure	: Check dam at 0.700 Km U/S.
Downstream Structure	: Check dam at 1.10 Km D/S.

II. Construction of Check Dam across the Koneri River in Koneripalayam Village of Perambalur Taluk & District at an estimated cost of Rs. 4.00 Crore.

- i) The proposed Check Dam will be situated across Koneri River in Koneripalayam Village of Perambalur Taluk & District and lies in Chinnar Sub basin of Vellar basin. Koneri River originates at Manmalai and Palamalai hills and confluences with Chinnar River after traversing 23.5 km. Chinnar River is one of the tributary of Vellar River which confluences with sea near Parangipet.
  - ii) By implementation of this scheme, an extent of ayacut of 351 acres lying within zone of influence of 1 km radius from the check dam site will be stabilized. Also, the groundwater will be recharged in the adjacent area by which drinking water needs of people, livestock and irrigation will be fulfilled.
  - iii) Salient features of the Check dam are
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|-------------------------|--|
| Location                | : Latitude-11° 16' 03"N,<br>Longitude-78° 51' 04"E |
| Maximum Flood Discharge | : 6508 Cusecs                                      |

Length of the Checkdam (including scour vent)	: 32.00 m
Height of Checkdam	: 1.2 m.
Firkha and Category	: Perambalur / Over exploited
Zone of recharge	: Moderately Favourable
Length of flood banks	: 400m on upstream side. 200m on both sides of downstream
Ayacut benefitted	: 351 Acres
No. of wells benefitted	: 186 nos.
Upstream structure	: Koneripalayam anicut at 1.5 Km U/s.
Downstream structure	: Thuruvam Anicut at 11Km D/s

III. Construction of Check Dam across the Sarabanga River in S.F No:141 of Divattipatti Village in Kadayampatti Taluk of Salem District at an estimated cost of Rs.1.45 Crore

- i) The proposed Check Dam site will be situated at a distance of 4 km from Kadayampatty and is located across Sarabanga River in S.F No:141 of Divattipatty Village in Kadayampatti Taluk of Salem District. The Sarabanga River lies in the sub-basin of Cauvery Basin. The Western Sarabanga River originates from Western side of Shevroyan Hills near Nagalur Village in Yercaud Taluk of Salem District and it confluences with Eastern Sarabanga River near Omalur and then runs as Sarabanga River and finally confluences with Cauvery River near Thevur Village in Sankari Taluk of Salem District. By implementation of this scheme, an ayacut of 42.00 acres will be benefitted and groundwater will be recharged in the adjacent area by which drinking water needs of people, livestock and irrigation will be fulfilled.

- ii) Salient features of the Check dam are

Location	: Latitude-11°51'0.67"N, Longitude-78°5'41.34"E
Maximum Flood Discharge	: 5200 Cusecs
Length of the Check Dam	: 25.00m
Height of Check Dam	: 1.50 m.
Firkha and Category	: Kadayampatty firka / Over Exploited
Zone of recharge	: Moderately Favorable
Ayacut benefitted	: 42 acres
No. of wells benefitted	: 116 Nos.
Upstream structure	: Ragavambhal Anicut at 900m U/S.
Downstream structure	: Check Dam at 1.75 Km D/s.

4. The Chief Engineer, Plan Formulation has stated that the total cost of the estimates for the above 3 check dams work out to

Rs.8.44 crore as per the schedule of rates for the year 2021-2022 and requested to accord Administrative Sanction for Construction of Check dams at 3 places in 3 Districts at an estimated cost of Rs.8.44 crore.

5. The Government, after careful examination, have decided to accept the above proposal of the Chief Engineer, Plan Formulation, Water Resources Department by restricting the cost of the works to Rs.7,69,84,000/- . Accordingly, Administrative and Financial sanctions are accorded for Construction of Check dams at 3 places in 3 Districts at an estimated cost of Rs.7,69,84,000/- (Rupees Seven crore, sixty nine lakh and eighty four thousand only) under State Fund as detailed below:

Sl. No	Name of work	Sanctioned amount (in Rupees)
1	Construction of Check Dam across the Periyapallam Odai in Tholampalayam Village of Mettupalayam Taluk in Coimbatore District.	2,67,48,000
2	Construction of Check Dam across the Koneri River in Koneripalayam Village of Perambalur Taluk & District.	3,72,31,000
3	Construction of Check Dam across Sarabanga River in S.F No:141 of Divattipatty Village in Kadayampatti Taluk of Salem District.	1,30,05,000
	Total	7,69,84,000

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

4700 - Capital Outlay on Major Irrigation -  
01 - Cauvery Basin - 800- Other Expenditure -  
State's Expenditure - DA WEIR - 416 - Major Work -  
01 - Major Works.

IFHRMS DPC 4700 - 01 - 800 - DA - 41601

7. The expenditure sanctioned in para 5 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 2022 - 2023 to Finance (PW-II/BG-I) Department at an 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. This order issues with the concurrence of Finance Department vide its U.O. No.40014/PW-II/2022, dated. 12.08.2022 and Additional Sanction Ledger No.966 (Nine hundred and sixty six) (IFHRMS ASL No.2022080966)

**(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, Coimbatore Region, Coimbatore-1.

The Chief Engineer, Water Resources Department, Trichy Region, Trichy-20.

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

The District Collectors, Coimbatore / Perambalur / Salem Districts.

The District Treasury Officers, Coimbatore / Perambalur / Salem Districts.

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 / BG II / W&M-I) Department, Secretariat, Chennai-9.

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

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*16/08/2022*  
**Section Officer.**  
*16/08/2022*