

PROJECT NAME: Formation of Flood Carrier Canal from Kannadian Channel to Drought prone areas of Sathankulam, Thisayanvilai by interlinking Tamirabarani, Karumeniyar and Nambiyar rivers in Tirunelveli and Thoothukudi Districts in TamilNadu.

1. GENERAL INFORMATION

State	TamilNadu
Implementing Agency	Water Resources Department, Government of TamilNadu
Location	Kallidaikurichi Village
River	Tamirabarani, Nambiyar, Karumeniyar
Districts Benefitted	Tirunelveli & Thoothukudi
Year of inclusion under AIBP	2021-22 (Included on 31.3.2022)

2. Project in Brief:-

The Scheme is proposed to divert 2765 Mcft. of surplus water of Tamirabarani river from its average annual surplus quantum of 13758 Mcft by excavation of a Flood carrier canal with carrying capacity of 3200 c/s, from Kannadian channel at Vellankuzhi village of Ambasamudram taluk to M.L Theri of Sathankulam taluk. The project situated in **Tirunelveli & Thoothukudi districts of TamilNadu** state envisages construction of Head Works (Kannadian Anicut) and Canal System (Main & Branch canals) to cover a major part with CCA of **23040Ha**.

The Central Water Commission have approved the **Cost appraisal** for this scheme for **Rs.872.45 Crores** (Price level 2014-15) vide Lr.No. 7/154/ 201PA(G)/304 Dated.7.5.2015.

The Ministry of Environment, Forests & Climate Change has accorded **Environmental clearance (EC) to the project** vide Lr.No. J-12011/ 45/ 2011-IA.1/Dated. 28.5.2015.

In the 126th **Technical Advisory Committee** meeting of Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD&GR) on Irrigation, Flood control and Multipurpose projects held on 16.7.2015, the project has been approved vide Lr.No. 16/27/2015-PA(N)/ 1033-1060/Dated. 30.07.2015.

The **Investment clearance** has been accorded by the Ministry of Water Resources, River Development of Ganga Rejuvenation, Government of India vide Ir. No. P.20011 /2 /2016-SPR /1278-1285 Dated.19.4.2016 **for Rs. 872.45 Crore** subject to the condition to complete the project within 3 years time limit (ie) April 2019.

The Investment Clearance Committee in its 13th meeting held on 07.08.2020 through video conference has recommended the Extension of Time up to March 2022 due to the **Covid-19 global pandemic** and the same was granted by the Ministry of Jal Shakti, Government of India, RD&GR, New Delhi. Vide Lr.No:P.20011/2/2016-SPR,dated: 30.09.2020

In accordance with the decisions taken in the 2nd meeting of the Screening Committee of the Department of Water Resources, RD& GR held on 09.03.2022, the above Scheme is included under PMKSY-AIBP vide Ministry of Jal Sakthi, Dept of Water Resources, RD& GR, SPR Wing, Government of India Lr No. P-19011/7/2021-SPR/1336-49/dated 31.3.2022

3 Project Components under AIBP:-

- a) Improving the existing Kannadian Anicut (3rd Anicut of Tamirabarani) to increase the efficiency.
- b) Increasing the carrying capacity of existing Kannadian channel from 450 c/s to 3680 c/s by widening , lining and strengthening the banks up to 6.50 Km (up to Vellankuzhi village).
- c) Excavation of a flood carrier canal from Kannadian channel to M.L.Theri for a length of 75.175 Km with carrying capacity of 3200 c/s.
- d) Excavation of link canals from the main flood carrier to Karumeniyar 15th group tanks, Nambiyar river, Suvishesapuram, 11th distributory of Manimuthar, Idyankudikulam and supply channels to tanks.
- e) Excavation of Supply channels to Tanks
- f) Excavation of recharging trench at tail end of M.L Theri
- g) Construction of 3 Nos of Railway Bridges, one at LS 1850m of existing Kannadian channel and two Nos at LS 500 m and LS 24450 m (RLS 24521 m) of Flood carrier canal.
- h) Construction of 6 lane NHAI Bridge @ LS 26700 m(RLS 26931m)

4 Physical Progress :-

Overall:- 97.85%

S.No.	Name of Component	Progress in %
1	Head Work	100.00
2	Main Canal	98.10
3	Branch Canal	97.60

5.

Potential Creation (Th. Ha.)**CCA: 23.040 Th.Ha.**

UIP	Irrigation Potential created before AIBP	IP target under AIBP	Created up to 03/2016	Created during 2016-17	Created during 2017-18	Created during 2018-19	Created during 2019-20	Created during 2020-21	Created during 2021-22	Created during 2022-23	Cumulative as on date	Utilized IP as on date
23.040	19.776	23.040	0.262	0.058	0.148	0.223	7.570	7.395	4.12	0	19.776	-

6. Financial Progress:-

SI No.	Particulars	Whole	AIBP
1	Approved cost of Whole Project & AIBP component as on 01/04/12 (Rs. Cr.)	872.45	811.47
2	Expenditure incurred before AIBP (Rs. Cr.)	784.00	-
3	Latest Revised cost (Whole & AIBP Component) (Rs. Cr.)	-	-
4	Expenditure incurred on Whole Project & AIBP Component as on 30.11.2022 (Rs. Cr.)	868.52	808.29
5	Balance AIBP cost as on date (Rs. Cr.)	3.93	3.18
6	Balance CA as on date (Rs. Cr.)	-	35.1775
7	Budget Provision under PMKSY-AIBP during 2022-23	-	51.91
8	Fast Track Proforma Clearance Status	-	-

7 Central Assistance released & incurred expenditure under AIBP (Rs. in Cr.)

Particulars	Cumulative up to 03/2016	During 2016-17	During 2017-18	During 2018-19	During 2019-20	During 2020-21	During 2021-22	During 2022-23	Cumulative as on Date
CLA/CA							9.0425	-	9.0425
Incurred expenditure on AIBP (work) Components	212.92	0.33	220.84	62.32	99.30	119.63	68.66	24.29	808.29
Incurred expenditure (total components)	242.16	4.22	221.61	66.94	102.24	120.88	77.81	32.66	868.52

8) A. Target date of completion as per Signed MoU: March 2023

B. Likely date of completion as per latest visit/informed by Project Authority: March, 2023

9 Issues / Bottlenecks of the Project:-

Sl.No	Details of Obstacle/ Constraints	Details of Constraint including its Geographical Location as mentioned in Line Diagram	Steps taken by CWC field Office/State Govt. and progress made so far	Proposed action by State Govt./CWC to resolve the pending issues	Proposed timeline for resolution of Constraints /Pending issues	Remarks
1.	Construction of Double lane Railway Bridge	Flood carrier canal is crossing the Senkulam - Tirunelveli - Railway track @ L.S.24521m. Its geographical location is 8° 37' 24" N and 77°40'58". The Revised demand of Rs.20.00 Crore has been deposited by PWD to the Railway department. Single lane Bridge work completed. For the 2nd lane work, permission is obtained from the Commissioner of Railway Safety, Bangalore for track diversion work and work commenced only on 21.7.2022. It is requested the Railway authorities to complete the bridge work before 31.03.2023.	Department officials are monitoring time to time keenly.	-	March - 2023	-
2.	Construction of Six lane Road Bridge	Flood carrier canal is crossing the NH-7 road @ L.S.26931m. Its geographical location is 8° 37' 57" N and 77°41'55". The Revised demand of Rs.17.09 Crore has been deposited by PWD to the NHAI. The Construction of 6 lane NHAI Bridge work has been commenced only on 05.08.2022 and is in progress. It is requested the NHAI authorities to complete the bridge work before 31.03.2023.	Department officials are monitoring time to time keenly.	-	March 2023	

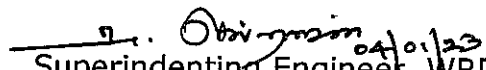
3. CADWM Details:-


- Target date of completion: -
- Status of inclusion under the CADWM scheme: included in CADWM

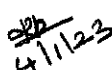
Area Proposed (Th. Ha.)	Area Covered (Th. Ha.)							
	During 2016-17	During 2017-18	During 2018-19	During 2019-20	During 2020-21	During 2021-22	During 2022-23	Cumulative as on date
NIL								

Total Cost of CAD works (Rs .Cr.)	Incurred Expenditure as on date	CA released (Rs. Cr.)							
		During 2016-17	During 2017-18	During 2018-19	During 2019-20	During 2020-21	During 2021-22	During 2022-23	Cumulative as on date
NIL									

- WUA details (target/formed/registered/balance): -


 Superintending Engineer, WRD,
 Projects Circle, Tirunelveli.

 4/1/23

 4/1/23

