

2110M

7/10/21



ABSTRACT

TNWRD- TN IAMP – Phase III- Administrative Sanction for a sum of Rs.189.8089 Crore for the works including Environmental and Ground Water Component for 25 Packages of 9 Sub Basins of phase-III under World Bank assisted TN IAMP- Accorded- Orders- Issued.

Public Works (WR1) Department

G.O.(Ms) No.142

Dated :7.10.2021

பிலவ, புரட்டாசி 21

திருவள்ளூர் ஆண்டு 2052

Read:-

1. G.O.(Ms) No.140, Public Works (WR1) Department, Dated 22.5.2018.
2. From the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai letter No.TN IAMP/F142/Phase-III/ 2019, dated 28.4.2021 and 7.6.2021.

ORDER:

In the Government Order first read above, block administrative sanction was accorded for a sum of Rs.2962 Crore (455.80 million US Dollar including the fund assistance of 318 million US Dollar from the World Bank at the exchange rate of Rs.64.98 per US Dollar) for Tamil Nadu Irrigated Agriculture Modernization Project (TN IAMWARM-II) with a project period of 7 years from 2017 to 2024.

2. In the letter 2nd read above, the Engineer-in-Chief, Water Resources Department and Chief Engineer (General), Public Works Department, Chennai has stated that the amount sanctioned for Water Resources Department is Rs. 2292.48 Crore. In this Project, it has been planned for implementation of Rehabilitation and Modernisation of System tanks, Non-system tanks, Anicuts and Supply channels in 66 Sub Basins in order to improve their performance thereby to increase the commandability of ayacut and food production. These works are being carried out in a phased manner. At present, the Emergency Rehabilitation of flood affected tank systems (during Monsoon 2015) have been completed. Also, the works in 18 Sub basins under Phase I are nearing completion. Further, the works in 16 Sub basins under Phase II are in progress.

3. He also stated that the Principal Secretary and Project Director, TNIAMP requested to identify 22 Sub basins for Phase III activities, based on the Project Appraisal Document (PAD) and to commence the preparation of the Detailed Project Report (DPR). After discussion, it was decided to take up 21 Sub basins under Phase III. Out of 21 Sub basins, 12 Sub basins were dropped from Phase III based on the reasons furnished by the

Chief Engineers, Water Resources Department and 9 Sub basins have been taken up for implementation in Phase III. Hence, the DPR for the 9 Sub Basins under Phase III was prepared based on the Schedule of rates for the year 2020-2021 and sent to the Project Director, TNIAMP, MDPU for obtaining necessary approval of World Bank. The 9 sub basins are (i) Cheyyar (ii) Chinnar (iii) Gummidipoondi (iv) Manimukthanadhi (v) Musukundanadhi (vi) Paravanar (vii) Vegavathy (viii) Marudaiyar (ix) Nambiyar

4. He has also stated that the MDPU communicated the technical review remarks of the World Bank Consultant on the 9 DPRs of Phase III sub basins and requested to revise the DPRs incorporating the details for the technical remarks for obtaining the World Bank clearance. Before sending the revised DPRs to the World Bank, the DPRs have to be placed in the Technical Advisory Committee, for its clearance. Accordingly, after attending to the technical remarks, the finalized DPRs for 3 sub basins namely Marudaiyar, Cheyyar and Manimukthanadhi and for the remaining 6 sub basins namely Chinnar, Gummidipoondi, Musukundanadhi, Paravanar, Vegavathy and Nambiyar have been placed in Technical Advisory Committee on 29.01.2021 and 18.02.2021 respectively. The MDPU has communicated the World Bank technical and Financial clearance for the finalized DPRs.

5. He has further stated that the total cost of 9 DPRs has been arrived after incorporating the World Bank Technical comments. The total cost of "Rehabilitation of the System Tanks, Non System Tanks, Anicuts, Supply channels and Canals including Environmental, Ground Water Components, GST at 12%, L.S. provision at 3.5% and On Farm Development (OFD) Works comprising of 25 packages in 9 sub-basins is worked out to Rs.189.8089 crore. The detailed estimates of the packages have been prepared based on the Schedule of Rates for the year 2020-2021 . The ayacut and cost details of the 9 DPRs are as follows:-

Sl. No.	Region	Sub basin	Ayacut(Ha)	No.of Packages	Estimate Cost (Rs. in Lakh)
1	Chennai	Cheyyar	14875.78	3	8598.26
2		Chinnar	4337.03	3	2021.00
3		Gummidipoondi	1672.03	2	754.00
4		Manimukthanadhi	2830.15	3	1553.00
5		Musukundanadhi	897.65	2	538.65
6		Paravanar	3645.37	3	1048.25
7		Vegavathy	5221.32	4	2659.95
Sub Total			33479.33	20	17173.11

8	Trichy	Marudaiyar	2101.54	3	999.17
Sub Total			2101.54	3	999.17
9	Madurai	Nambiyar	1312.83	2	808.61
Sub Total			1312.83	2	808.61
GRAND TOTAL			36893.70	25	18980.89

6. The Engineer-in-Chief, Water Resources Department and Chief Engineer (General), Public Works Department, Chennai has requested the Government to accord Administrative Sanction for a sum Rs.189.8089 Crore for the works including Environmental and Ground Water Component for 25 Packages of 9 Sub Basins of phase-III under World Bank assisted TN IAMP.

7. The Government, after careful consideration, have decided to accept the proposal of the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai and hereby accord Administrative Sanction for a sum Rs.189.8089 Crore (Rupees One hundred eighty nine crore eighty lakhs and eighty nine thousand only) for the works including Environmental and Ground Water Component for 25 Packages of 9 Sub Basins of phase-III under World Bank assisted TN IAMP, detailed at annexure to this order.

8. The expenditure sanctioned at para 7 above shall be debited to head of accounts mentioned in the annexure to this order.

9. This order issues with the concurrence of the Finance Department vide its U.O.No.24469/PW-II/2021, dated 2.9.2021.

(BY ORDER OF THE GOVERNOR)

SANDEEP SAXENA
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To
The Principal Secretary and Project Director,
Tamil Nadu Irrigated Agriculture Modernization Project,
Multi Disciplinary Project Unit Office, Chennai – 5.
The Engineer-in-Chief, Water Resources Department and
Chief Engineer (General), Public Works Department,
Chennai – 5.

The Chief Engineer, Plan Formulation,
Water Resources Department, Chennai – 5.
The Chief Engineer, State Ground and Surface
Water Resources Data Centre,
Water Resources Department, Chennai – 113.
All Regional Chief Engineers, Water Resources Department.
The Agricultural Production Commissioner and
Secretary to Government, Agriculture and Farmers Welfare Department,
Chennai – 9.
The Additional Chief Secretary to Government,
Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department,
Chennai – 9.
The Director of Agriculture, Chepauk, Chennai – 5.
The Director of Agricultural Marketing and Agri Business,
Guindy, Chennai – 32.
The Commissioner of Horticulture and Plantation Crops, Chepauk,
Chennai – 5.
The Chief Engineer, Agricultural Engineering, Nandanam, Chennai – 35.
The Registrar, Tamil Nadu Agricultural University, Coimbatore-641 003.
The Registrar, Tamil Nadu Veterinary and Animal Sciences University/
The Tamil Nadu Fisheries University, Chennai / Nagapattinam.
The Principal Accountant General (Accounts and Entitlements/ Audit),
Chennai – 18.
The District Treasury Officer, Concerned District.

Copy to

The Office of the Hon'ble Chief Minister, Secretariat, Chennai-9
The Finance (PW-II/BG-I) Department, Chennai – 9.
The Agriculture and Farmers Welfare Department, Chennai – 9.
The Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department,
Chennai – 9.
The Resident Audit Officer, Office of the Principal Accountant General
(General and Social Sector Audit), Secretariat, Chennai – 9.
Stock File / Spare Copy.

//FORWARDED BY ORDER//

E. V. Srinivasan
7.10.2021
SECTION OFFICER

7.10.21

Annexure				
G.O.(Ms) No.142, Public Works (WR1) Department, Dated 7.10.2021				
Sl.No.	Package No.	Name of Work	Estimate cost Rs.in lakh	Head of Account
CHENNAI REGION				
I CHEYYAR SUB BASIN				
1.	01/TN IAMP/WRD/CHY/Works/Phase III/ 2020-21	Rehabilitation and Modernisation of 1Tank and its Supply Channel in Chengam Block & Taluk,21 tanks and 1 Anicut and its Supply Channel in Puthupalyam Block of Chengam Taluk, 4 Tanks and its Supply Channel in Thurinjapuram Block of Tiruvannamalai Taluk,18 Tanks and 11 Anicuts and its Supply Channel in Kalasapakkam Block & Taluk, 41 tanks, 2 Anicuts and its Supply Channel and 1 Channel in Polur Block & Taluk, 17 Tanks and its Supply Channel in Chetpet Block of Polur Taluk, 14 Tanks and its Supply Channel in Chetpet Block & Taluk, 5 Tanks in Peranamallur Block of Chetpet Taluk,2 Tanks and its Supply Channel in Arni West Block of Chetpet Taluk, 8 Tanks and its Supply Channel in Arni West Block of Arni Taluk, 22 Tanks and its Supply Channel in Arni Block & Taluk,3 Tanks and its Supply Channel in Cheyyar Block & Taluk,3 Tanks and its Supply Channel in Anakkavur Block in Cheyyar Taluk of Tiruvannamalai District & 2 Tanks and its Supply Channel in Arcot Block of Walaja Taluk,7 Tanks and its Supply Channel in Arcot block and	8348.26	4700- Capital outlay on Major Irrigation- 03- Palar Basin- 800 Other Expenditure - Externally Aided Projects- PA- Reservoirs under TNIAM Project-II- 416 Major Works- 01 Major Works. (IFHRMS DPC :4700-03-800-PA-41601)

		Taluk,1 Tank and its Supply Channel in Timiri Block of Arcot Taluk,3 Tanks and its Supply Channel in Timiri Block of Kalavai Taluk of Ranipet District under Cheyyar sub basin.		
		Sub Total	8348.26	
2.	02/TN IAMP/WRD/CHY-Env/Works/Phase III/2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Cheyyar Sub Basin.	20.00	
3.	03/TN IAMP/WRD/CHY-GW/Works/Phase III/2020-21	Construction of 5 Nos. of Artificial Recharge well structures in Cheyyar Sub Basin of Tiruvannamalai District (Munnurmangalam tank, Muthanur tank, Melmudiyapur big tank, Eraiyur big tank and Melmudiyapur Chitheri tank)	230.00	
Total for Cheyyar Sub Basin			8598.26	
II. CHINNAR SUB BASIN				
4.	01/TN IAMP/WRD/CHR/Works/Phase III/2020-21	Rehabilitation and Modernisation of 1 Tank, 15 Anicuts and Chinnar Dam Right Main Canal, Kesarigulihalla Dam Left and Right Main Canal in Palacode Block and Taluk of Dharmapuri District under Chinnar Sub Basin.	1969.17	4700- Capital outlay on Major Irrigation - 01-Cauvery Basin-800 Other Expenditure - Externally Aided Projects- PA-Reservoir under TNIAM Project-II-416 Major Works-01 Major Works. (IFHRMS DPC :4700-01-800-PA-41601)
		Sub Total	1969.17	
5.	02/TN IAMP/WRD /CHR-Env/Works/Phase III/2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Chinnar Sub Basin.	6.00	
6.	03/TN IAMP/WRD/CHR-GW/Works/Phase III/2020-21	Construction of 1 No. of Artificial Recharge well structure in Chinnar Sub Basin of Dharmapuri District (Kumarachetty tank)	45.83	
Total for Chinnar Sub Basin			2021.00	

III. GUMMIDIPOONDI SUB BASIN				
7.	01/TN IAMP/ WRD/GMD/ Works/ Phase III/ 2020-21	Rehabilitation and Modernisation of 22 Tanks and 4 Anicuts and its Supply Channels in Gummidipoondi Block and Taluk of Thiruvallur District under Gummidipoondi Sub Basin	747.00	4701- Capital outlay on Medium Irrigation - 02- Chennai Basin- 800 Other Expenditure - Externally Aided Projects - PA- Reservoirs-
		Sub Total	747.00	416 Major Works-
8.	02/TN IAMP/ WRD/GMD- Env/Works/ Phase III/ 2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Gummidipoondi Sub Basin	7.00	01 Major Works. (IFHRMS DPC :4701-02-800-PA- 41601)
Total for Gummidipoondi Sub Basin			754.00	
IV. MANIMUKTHANADHI SUB BASIN				
9.	01/TN IAMP/ WRD/MMK/ Works/ Phase III/ 2020-21	Rehabilitation and Modernisation of 1 tank and its Supply channel in Kallakurichi Block, 10 Tanks and its Supply channel & 1 Anicut in Thiyagadurugam Block, 1 Anicut in Sankarapuram Block of Kallakurichi Taluk, 4 Tanks and its Supply channel in Kallakurichi Block, 3 Tanks and its Supply channel & 1 Anicut in Thiyagadurugam Block, 9 Tanks & 4 Anicuts in Sankarapuram Block, 5 Tanks in Reshivandhiyam Block of Sankarapuram Taluk and 2 Tanks & 3 Anicuts and its Supply channel in Kallakurichi Block of Chinnasalem Taluk of Kallakurichi District under Manimukthanadhi Sub Basin.	1400.20	4700- Capital outlay on Major Irrigation -02- Pennaiyar Basin- 800 Other Expenditure - Externally Aided Projects- PA- Reservoirs under TNIAM Project-II - 416 Major Works- 01 Major Works. (IFHRMS DPC :4700-02-800-PA- 41601)
		Sub Total	1400.20	

10.	02/TN IAMP/ WRD/MMK- Env/Works/ Phase III/ 2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Manimukthanadhi Sub Basin.	7.00	
11.	03/TN IAMP/ WRD/ MMK- GW/Works/ Phase III/2020-21	Construction of 3 Nos. of Artificial Recharge well structures in Manimukthanadhi Sub Basin of Kallakurichi District (Chittalur tank, Kudiyanallur tank and Thyiyagai tank)	145.80	
Total for Manimukthanadhi Sub Basin			1553.00	
V. MUSUKUNDANADHI SUB BASIN				
12.	01/TN IAMP/ WRD/MUS/ Works/ Phase III/ 2020-21	Rehabilitation and Modernisation of 9 Tanks, 7 Anicuts and its Supply Channels in Sankarapuram Block & 4 Anicuts and its Supply Channels in Rshivandhiyam Block of Sankarapuram Taluk of Kallakurichi District under Musukundhanadi Sub Basin	531.65	4700- Capital outlay on Major Irrigation -02- Pennaiyar Basin- 800 Other Expenditure - Externally Aided Projects- PA- Reservoirs under TNIAM Project-II- 416 Major Works-01 Major Works. (IFHRMS DPC :4700-02-800- PA-41601)
		Sub Total	531.65	
13.	02/TN IAMP/ WRD/MUS- Env/ Works/ Phase III/ 2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Musukundanadhi Sub basin.	7.00	
Total for Musukundanadhi Sub Basin			538.65	
VI. PARAVANAR SUB BASIN				
14.	01/TN IAMP/ WRD/PRV/ orks / Phase III/ 2020-21	Rehabilitation and Modernisation of 4 Tanks and 2 Anicuts and its Supply Channel in Kurinjipadi Block of Kurinjipadi Taluk and 1 Tank and its Supply Channel in Melbhuvanagiri Block of Bhuvanagiri Taluk of Cuddalore District under Paravanar Sub Basin	364.00	4702-00- Capital outlay on Minor Irrigation- 101 Surface Water- Externally Aided Projects - PC- Paravanar Basin. Reservoirs- 416 Major Works-01 Major Works.
15.	02/TN IAMP/ WRD/PRV/	Rehabilitation and Modernisation of 8 Irrigation	675.25	

	Works/ Phase III/ 2020-21	Channels in Melbhuvanagiri Block of Bhuvanagiri Taluk and 1 Irrigation Channel in Kurinjipadi Block & Taluk of Cuddalore District under Paravanar Sub Basin		(IFHRMS DPC :4702-00-101-PC-41601)
		Sub Total	1039.25	
16.	03/TN IAMP/ WRD/PRV- Env/ Works/ Phase III/2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Paravanar Sub Basin.	9.00	
Total for Paravanar Sub Basin			1048.25	
VII. VEGAVATHY SUB BASIN				
17.	01/TN IAMP/ WRD/VGY/ Works/ Phase III/ 2020-21	Rehabilitation and Modernisation of 3 Tanks and its Supply Channel in Walaja Block & Taluk, 7 Tanks and its Supply Channel in Arcot Block & Taluk , 1 Tank and its Supply Channel in Kaveripakkam Block of Nemili Taluk, 1 Tank and its Supply Channel in Nemili Block & Taluk in Ranipet District under Vegavathy Sub Basin.	598.05	4700- Capital outlay on Major Irrigation - 03-Palar Basin- 800 Other Expenditure - Externally Aided Projects-PA-Reservoirs under TNIAM Project- II 416 Major Works-01 Major Works.
18.	02/TN IAMP/ WRD/VGY/ Works/ Phase III/ 2020-21	Rehabilitation and Modernisation of 15 Tanks and its Supply Channel in Vembakkam Block & Taluk in Thiruvannamalai Distrtict and 16 Tanks and its Supply Channel in Kancheepuram Block & Taluk,1 Tank and its Supply Channel in Walajabad Block & Taluk in Kancheepuram Distrtict under Vegavathy Sub Basin	1848.40	(IFHRMS DPC :4700-03-800-PA-41601)
		sub Total	2446.45	

19.	03/TN IAMP/WRD/VGY-Env/Works/Phase III/2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Vegavathy Sub Basin .	8.00	
20.	04/TN IAMP/WRD/VGY-GW/Works/Phase III/2020-21	Construction of 5 Nos. of Artificial Recharge well structures in Vegavathy Sub Basin of Ranipet District (Esaiyanur tank, Ananthangal big tank, Gurumudithangal tank, Arumbakkam big tank and Sakkaramallur tank)	205.50	
Total for Vegavathy Sub Basin			2659.95	
TOTAL FOR CHENNAI REGION			17173.11	
TRICHY REGION				
VIII. MARUDAIYAR SUB BASIN				
21.	01/ TN IAMP/ WRD / MDR/ Works / Phase III / 2020-21	Rehabilitation and Modernisation of 2 Tanks in Thirumanur Block of Ariyalur Taluk and District in Marudaiyar Sub Basin	911.87	4700- Capital outlay on Major Irrigation - 01-Cauvery Basin-800 Other Expenditure -
Sub Total			911.87	Externally Aided Projects- PA-Reservoirs under TNIAM Project-II-416 Major Works-01 Major Works.
22.	02 / TN IAMP / WRD / MDR - Env / Works/ Phase III/ 2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Marudaiyar Sub Basin.	6.00	(IFHRMS DPC :4700-01-800-PA-41601)
23.	03 / TN IAMP / WRD / MDR - GW/Works /Phase III /2020-21	Construction of 2 Nos. of Artificial Recharge well structures in Marudaiyar Sub Basin of Perambalur District (Ayyalur tank and Naranamangalam tank)	81.30	
Total for Marudaiyar Sub Basin			999.17	
TOTAL FOR TRICHY REGION			999.17	
MADURAI REGION				
IX. NAMBIYAR SUB BASIN				
24.	01/TN IAMP/WRD/NBR/Works/Phase III/2020-21	Rehabilitation and Modernisation of 4 Tanks in Kalakad Block of Nanguneri Taluk, 2 Tanks in Nanguneri Block & Taluk, 12 Tanks in	801.61	4702- 00- Capital outlay on Minor Irrigation - 101 Surface Water-Externally Aided

		Vallioor Block of Radhapuram Taluk, 6 Tanks in Radhapuram Block & Taluk, 9 Tanks in Radhapuram Block of Thisaiyanvillai Taluk, - 6 Tanks in Vallioor Block of Thisaiyanvillai Taluk and 1 Tank in Vallioor Block of Nanguneri Taluk and 1 Anicut supply channel in Kalakkad Block of Nanguneri Taluk in Tirunelveli District of Nambiyar sub basin.		Projects- PL-Nambiyar Basin under TNIAM Project-II-416 Major Works-01 Major Works. (IFHRMS DPC :4702-00-101-PL-41601)
		Sub Total	801.61	
25.	02/TN IAMP/WRD/NBR-Env/ Works/ Phase III/ 2020-21	Implementation and Monitoring of Environmental and Social Management Framework for Nambiyar Sub Basin.	7.00	
Total for Nambiyar Sub Basin			808.61	
TOTAL FOR MADURAI REGION			808.61	
GRAND TOTAL			18980.89	

Sandeep Saxena
Additional Chief Secretary to Government

//True copy//

S. V. S. (Signature)
7.10.2021
Section Officer
7-10-21