



### **ABSTRACT**

Tamil Nadu Irrigated Agriculture Modernisation Project (TNIAMP) – World Bank - Procurement of Digital Photogrammetry Software, Hardware and Stereo Pair Data for Institute for Water Studies, Hydrology & Quality Control, Tharamani, Chennai-113 under TNIAMP- Estimated cost of Rs.84.00 lakhs -Administrative and Financial Sanction - Accorded- Orders –Issued.

### **Water Resources (WR1) Department**

G.O.(D) No.159

Dated 21.6.2022.

சுபகிருது, ஆணி 7

திருவள்ளூர் ஆண்டு 2053

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.TNIAMP Cell/F 104/ Empowered Committee 2017, dated 10.3.2022 and 25.4.2022.

### **ORDER:**

In the Government Order first read above, block administrative sanction was accorded for a sum of Rs.2962 Crore for TN IAMP with a project period of 7 years from 2017 to 2024 (455.80 Million US Dollar including the fund assistance of 318 million US Dollar from the World Bank at the exchange rate of Rs.64.95 per US Dollar).

2. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai has stated that the TNIAM Project comprises of the following three main components :-

- A. Irrigation and Water Management.
- B. Agriculture Productivity Enhancement.
- C. Project Management Support.

The Component-A consists of following four interrelated sub-components :-

- A.1. Institutional Strengthening and Capacity Building for Water Management.
- A.2. Irrigation Systems Modernisation.
- A.3. Participatory Irrigation Management and
- A.4. Convergence for Improved Service Delivery.

The sub-component-A1 will support Institutional Strengthening and Capacity Building Activities for Water Resources Department and its allied agencies. An amount of Rs.51.33 Crores has been earmarked for sub-component-A1. This sub-component will finance,

- Training for both within the WRD and allied agencies for strengthening the state's capacity of water resources planning and management.
- Technical assistance for studies of ICT-based modern technologies and river basin master plans,
- Experts, consultants, equipments and operating expenses.

3. He has also stated that an estimate has been prepared for Procurement of Digital Photogrammetry Software, Hardware and Stereo Pair Data for the Institute for Water Studies, Hydrology & Quality Control, Tharamani, Chennai-113 under Component A1 i.e., Institutional Strengthening and Capacity Building of TNIAM Project for an amount of Rs.84.00 lakhs. The abstract of the estimate is as follows:-

Sl. No.	Quantity	Description	Rate Per (Rs.)	GST 18%	Amount (Rs.)
1.	1 No.	Imagine Photogrammetry with imagine Advantage, Imagine Auto DTM & Imagine Terrain Editor	55,00,000	9,90,000	64,90,000
2.	1 No.	Integrated Chasis- Energy Efficient Chasis (Tower Type) Processor-Intel Core i7-8700 processor 8 <sup>th</sup> Generation @ 3.2 Ghz with Turbo Boost Technology Memory 16 GB DDR4-2400 nECC (2x8GB) RAM Cache -12MB Cache/ 6 cores, Bus Speed-2400 GHZ RAM Hard Drive-1 Tb SSD Storage, Hard Drive controller-4 XSATA, Graphics Controller- NVIDIA Quadro P4000 8 GB 4DP, Optical Drive DVD+ RW Super multi SATA (1 <sup>st</sup> ) Drive other I/O Ports-Front; 2 USB 2.0,1 headphone, 1 microphone Expansion slots-PCI slot 1 PCI ex 16 slot Audio-Integrated High Definition Audio, Operating System communications- Gigabit Lan (10/100/1000), Input Devices	6,00,000	1,08,000	7,08,000

		-104 USB Mechanical keyboard, Power Supply-500 W True Power supply 3D Monitor- LCD 120 HZ 24' Shutter Glass with IR Emitter- 3 months warranty 3D Softmouse USB			
3	234 Nos.	Stereo Pair Data (Pilot Basin)	5,110	-----	11,95,740
4.	LS	Provision for Unforeseen items & cost escalation	6,260	LS	6,260
		Total			84,00,000

**(Rupees Eighty four lakhs only)**

4. He has also stated that Stereo pair data (Pilot Basin), have to be purchased from National Remote Sensing Centre (NRSC), Department of Space, Government of India, Hyderabad, which is the authorized Government of India Agency for sale of the data throughout the Country. The rate of the Stereo pair data is fixed by the NRSC, and the cost is excluding GST. The National Remote Sensing Centre (NRSC), Department of Space, GOI, not levied the GST on their data products so far. Hence, in the proposal Rs.11,95,740/- was made for the purchase of 234 scenes for Chennai basin with the base value of Rs.5110 per scene of the stereo ortho kit data excluding the GST cost. The Proposal for Procurement of Digital Photogrammetry Software, Hardware and Stereo Pair Data for the Institute for Water Studies, Hydrology & Quality Control, Tharamani, Chennai-113 under Component A1 i.e., Institutional Strengthening and Capacity Building of TNIAM Project for an amount of Rs.84.00 Lakhs was circulated to the members of Empowered Committee. The Committee has cleared the proposal on 09.03.2022.

5. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai has therefore requested the Government to accord administrative sanction for Procurement of Digital Photogrammetry Software, Hardware and Stereo Pair Data for the Institute for Water Studies, Hydrology & Quality Control, Tharamani, Chennai-113 under Component A1 "Institutional Strengthening and Capacity Building" of TNIAMProject at an estimated cost of Rs.84.00 lakhs.

6. Based on the approval of the Empowered Committee, the Government have decided to accept the proposal of the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai and hereby accord administrative and financial sanction for Procurement of Digital Photogrammetry Software, Hardware and Stereo Pair Data for the Institute for Water Studies, Hydrology & Quality Control, Tharamani, Chennai-113 under Component A1 "Institutional Strengthening and Capacity Building" of TNIAMProject at an estimated cost of Rs.84.00 lakhs.(Rupees Eighty four lakhs only).

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

"2701 – Medium irrigation – 80 General – 004 Research – Externally Aided Projects PA- Strengthening of Institute of Water Studies under TNIAM Project-II- 376 Computer and Accessories- 01purchase".

(DPC: 2701-80-004-PA-37601)

8. Necessary Additional Funds of Rs.84,00,000/- will be provided in RE/FMA 2022-23. However, this expenditure shall be brought to the notice of legislature by way of **Specific Inclusion** in the Supplementary Estimate 2022-23. Pending provision of such funds, the Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai is authorised to incur the expenditure sanctioned in para 6 above. The Engineer-in-Chief and Chief Engineer (General), Water Resources Department, Chennai is directed to include the above item of expenditure while sending the budget proposal for RE/FMA 2022-23 and also send necessary draft Explanatory note for inclusion of the expenditure in the Supplementary Estimate 2022-23 to Finance (PW-II/BG-I) Department at an appropriate time without fail.

9. This order issues with the concurrence of Finance Department vide its U.O. No.23790/PW-II/2022, dated: 16.6.2022 and with Additional Sanction Ledger No.371(Three hundred and seventy one).

(BY ORDER OF THE GOVERNOR)

**SANDEEP SAXENA**  
**ADDITIONAL CHIEF SECRETARY TO GOVERNMENT**

To

The Principal Secretary and Project Director, TN IAM Project,  
 MDPU Office, Chennai-5.

The Engineer-in-Chief and Chief Engineer (General),  
 Water Resources Department, Chennai-5.

The Principal Accountant General (Audit / A&E), Teynampet, Chennai-18.

The Pay and Accounts Officer (East), Egmore, Chennai-8.

The Pay and Accounts Officer (North), Chennai-1.

The Pay and Accounts Officer (South), Chennai-35.

Copy to:-

The Finance (PW.II/BG I/BG II/W&M-I) Department, Chennai – 9.

The Resident Audit Officer, Office of the Principal Accountant General  
 (General and Social Sector Audit), Secretariat, Chennai – 9.

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//FORWARDED BY ORDER//

*S. Vasu*  
 SECTION OFFICER  
 21/6/22