



ABSTRACT

Information Technology Department – Tamil Nadu Geographical Information System – Constitution of Technical Committee and User Committee for creation of Standard Geographical Information System (GIS) Platform – Orders – Issued.

INFORMATION TECHNOLOGY (e.Gov.I) DEPARTMENT

G.O.(Ms.) No.16

Dated:05.09.2017

**ஹேவிளம்பி, ஆவணி-20,
திருவள்ளூர் ஆண்டு-2048**

Read:

1. G.O.(Ms) No.31, Information Technology (e.Gov.I) Department, dated 02.07.2010.
2. G.O.(Ms) No.2, Information Technology (e.Gov.I) Department, dated 24.01.2014.
3. G.O. (Ms) No. 13, Information Technology (e.Gov.I) Department, dated 30.07.2014.
4. From Commissioner of e-Governance & Chief Executive Officer, TNeGA, Letter No.70/TNeGA/ 2009, dated 03.02.2017, 09.03.2017 and 24.04.2017.

ORDER

In the Government Order first read above, Government have conceived the Tamil Nadu Geographical Information System (TNGIS) with the ultimate objective of creating generic model of GIS and to easily integrate available data sets under a uniform GIS platform for the State. The following resource departments have been identified for drawing up a standard set of instructions on implementation of TNGIS:

- 1) Forest Department
- 2) TWAD Board
- 3) Agricultural Engineering Department
- 4) Institute of Water Studies (PWD)
- 5) Directorate of Municipal Administration
- 6) State Ground and Surface Water Resources Data Centre
- 7) Institute of Remote Sensing, Anna University
- 8) Madurai Kamaraj University and
- 9) Bharadhasan University

The Government have already sanctioned a sum of Rs.43,50,000/- (Rupees forty three lakhs and fifty thousand only) for incurring expenditure towards supply of

Hosting Server hardware in the Data Centre and TNGIS development system hardware, the immediate requirements for the TNGIS project.

2. In the Government Order second read above, administrative approval was accorded for the creation of an integrated "Tamil Nadu Geographical Information System" (TNGIS) at a total estimated cost of Rs.1,32,80,000/- (Rupees one crore thirty two lakhs and eighty thousand only) towards capital expenditure under Phase- I. The cost breakup details are as below:-

Sl. No.	Item of Expenditure	Amount (Rs. in Lakhs)
1.	Software (Licenses and Upgradation)	45.00
2.	Application Security Audit	5.00
3.	Infrastructure cost	6.80
4.	Manpower cost for Application Development	66.00
5.	Training	10.00
	Total	132.80

3. In the Government Order third read above, financial sanction was accorded to Tamil Nadu e-Governance Agency (TNeGA) for a sum of Rs.61,40,000/- (Rupees Sixty one lakh and forty thousand only) for the implementation of TNGIS Project under Phase-I with a direction that the remaining amount will be released based on the utilization and justification for the project by Chief Executive Officer, Tamil Nadu e-Governance Agency.

4. In the letters fourth read above, the Commissioner of e-Governance and Chief Executive Officer, TNeGA has sent proposal for constitution of a Technical Committee for the creation of Geographical Information System (GIS) platform with Principal Secretary to Government, Information Technology Department (or) Commissioner of e-Governance & Chief Executive Officer, TNeGA as its Chairman along with 30 officials from various Government Departments and eminent Institutions as its members.

5. The Commissioner of e-Governance & Chief Executive Officer, TNeGA, has stated that, out of the 31 officials suggested for the proposed Technical Committee, all are having their Headquarters at Chennai, except three members. He has further stated that the Committee may sit at the most, 3 to 4 times in a year. Since all the members proposed for the Technical Committee are Government officials and the practice of claiming sitting fee is generally not in vogue, it is considered that no sitting fee need to be fixed for this Technical Committee and he has therefore, requested for a token provision of Rs.50,000/- (Rupees Fifty Thousand Only) as Travel Expenses to meet out the TA and DA expenses for the outstation members of the Technical Committee.

6. The Government, after careful examination of the above proposal of the Commissioner of e-Governance & Chief Executive Officer, Tamil Nadu e-Governance Agency (TNeGA), constitute a Technical Committee and a User Committee for the

creation of GIS platform in the State. The composition of the Technical Committee and User Committee are as follows :-

TECHNICAL COMMITTEE :

Commissioner of e-Governance & Chief Executive Officer, Tamil Nadu e-Governance Agency	Chairman
Joint Director(Admin), O/o, Commissionerate of e-Governance	Member – Secretary
Institute of Remote Sensing, Anna University	Members
Commissioner of Survey and Settlement	
Bharathidasan University, Trichy	
Madurai Kamaraj University, Madurai	
IIT Madras, Chennai	
State Planning Commission	
Commissioner of Land Administration	
Department of Economics and Statistics	
Manonmaniyam Sundaranar University, Tirunelveli	
National Informatics Center, Chennai	

USER COMMITTEE :

Information Technology Department	Principal Secretary to Government, Information Technology Department	Chairman
	Commissioner of e-Governance & Chief Executive Officer, Tamil Nadu e-Governance Agency	Member – Secretary
Agriculture Department	Horticulture Department	Members
	Agricultural Engineering Department	
Revenue & Disaster Management Department	Tamil Nadu State Disaster Management Agency	
	Commissioner of Survey and Settlement	
	Commissioner of Land Administration	
Public Works Department	Institute of Water Studies (PWD)	
	State Ground and Surface Water Resources Data Centre.	

Municipal Administration and Water Supply Department	Tamil Nadu Water Supply and Drainage Board	Members
	Greater Chennai Corporation	
	Commissionerate of Municipal Administration	
	Directorate of Town Panchayats	
	Tamil Nadu Urban Infrastructure Financial Services Ltd. (TNUIFSL)	
	Tamil Nadu Urban Finance and Infrastructure Development Corporation (TUFIDCO)	
Housing & Urban Development Department	Directorate of Town and Country Planning	
	Chennai Metropolitan Development Authority (CMDA)	
Energy Department	Tamil Nadu Electricity Board	
Environment and Forest Department	Environment Department	
	Forests Department	
Health and Family Welfare Department		
Highways and Minor Ports Department.		
Rural Development and Panchayat Raj Department.		
Industries Department	Geology and Mining Department	
Higher Education Department	Bharathidasan University, Trichy	
	Madurai Kamaraj University, Madurai	
	Manonmaniyam Sundaranar University, Tirunelveli	
	Institute of Remote Sensing, Anna University.	
IIT Madras, Chennai		

School Department	Education	Sarva Shikshya Abhiyan (SSA)	Members
Planning Development and Special Initiatives Department		Department of Economics and Statistics	
		State Planning Commission	
National Center, Chennai	Informatics		

The functions / activities of the Technical Committee and User Committee are given in the annexure to this Order.

7. The Government also permit the Commissioner of e-Governance & Chief Executive Officer, Tamil Nadu e-Governance Agency, to incur the TA and DA expenses for the following three outstation members of the above Committees, subject to a ceiling of Rs.30,000 /- (Rupees Thirty Thousand only) per year, out of the funds sanctioned by Government as Grant for the Current Expenditure of TNeGA:-

1. Bharathidasan University, Trichy
2. Manonmaniam Sundaranar University, Tirunelveli
3. Madurai Kamaraj University, Madurai

8. The Commissioner of e-Governance & Chief Executive Officer, Tamil Nadu e-Governance Agency is requested to send the physical and financial progress of the scheme every month to the Government. The Commissioner of e-Governance & Chief Executive Officer, TNeGA may co-opt other Members in the two committees as per need and with the permission of the respective Committees.

9. This order issues with the concurrence of Finance (Industries) Department vide its U.O. No.43682/Ind/2017, dated 29.08.2017.

(By Order of the Governor)

T.K.RAMACHANDRAN
Principal Secretary to Government

To

The Commissioner of e-Governance, Commissionerate of e-Governance,
5/9, Kavignar Bharathidasan Salai, Alwarpet, Chennai – 600 018.

The Chief Executive Officer, Tamil Nadu e-Governance Agency,
5/9, Kavignar Bharathidasan Salai, Alwarpet, Chennai – 600 018.

The Section Officer, Information Technology (Bills) Department,
Secretariat, Chennai-600 009.

The Principal Accountant General, (Accounts & Entitlements),
361, Anna Salai, Chennai-600 018.

The Accountant General (Revenue & Economic Sector Audit),
361, Anna Salai, Chennai-600 018.

The Pay and Accounts Officer (South), Chennai-600 035.

The Pay and Accounts Officer, Secretariat, Chennai-600 009.

The Resident Audit Officer, Secretariat, Chennai 600 009.

Copy to:

The Senior Private Secretary to Principal Secretary to Government, Information Technology Department, Secretariat, Chennai-600 009.

The Finance (Ind/BG.I/BG.II/BC/ EAP) Department, Secretariat, Chennai- 600 009.


The Information Technology (OP) Department, Secretariat, Chennai-600 009.

The Planning Development & Special Initiatives Department, Secretariat, Chennai-9.

The Content Creator (CMS), Information Technology Department,
Secretariat, Chennai- 600 009.

SF/SC

// Forwarded / By Order //


Section Officer
27.4
06/9/17

Annexure to G.O.(Ms) No.16, Information Technology

(e.Gov.I) Department, dated 05.09.2017

Functions / Activities of the Technical Committee:

1. Ensuring that common set of standards are drawn up, prescribed and adopted for all e-governance initiatives including GIS/MIS for smooth integration. The standards already nationally prescribed and available can be used, where local standards are required (for example, in computing) they will have to be drawn up.
2. To ensure that all the GIS standards are complied with by the user Departments.
3. Identifying and recommending authentication of various layers – for public or departments access only.
4. Common coding system to be followed in various sectoral Datasets (spatial / non-spatial).
5. To assess the need (resources/data/others) and provide solutions to acquire the same.
6. To examine and decide on the proposals for procurement of Satellite Images / Shape files (Vector data) / Non-spatial data (Rainfall, pollution data etc.)
7. To examine and decide on the procurement of any software (GIS/CAD/any other)
8. Developing GIS Application / Modules
9. To empanel GIS / Survey Companies
10. Vetting the project proposals (new proposals like Door-to Door survey, Total Station Survey, Drone or Terrestrial radar mapping/existing spatial / Non-spatial data).
11. In any extraordinary cases, if the external funding agency insists or a department really needs any deviations in the procurement of satellite images / software modus for generating spatial data will be considered.

Functions / Activities of the User Committee:

1. To ensure uniformity and consistency in mapping unit level and scaling. There shall not be any deviation from the standard guidelines (GoI).
2. Ensuring that as far as manpower for GIS is concerned, the services of suitable persons already working in the intending department / undertaking are utilized after giving suitable training on GIS handling.
3. To ensure that there is no duplication of software components and other aspects of the GIS.
4. Ensuring that requirement of the system and its cost benefit are fully examined and justified.
5. Ensuring that GIS developed for one region is replicated for the remaining areas with the same software. Only data components may have to be added to the system. In such cases of replication, sanction of the cost will be for data creation component only and not for the entire GIS system.

6. If the funding is done by any national / international agency other than Government of India / State Government, for the development of GIS, all the norms, specifications and procedures laid down by the funding agency should be strictly followed.

T.K.RAMACHANDRAN
Principal Secretary to Government

/True copy/


Section Officer 6/9/2017
UN.Y
06/9/17