



**GOVERNMENT OF KERALA**

Abstract

**Information Technology Department – Setting up of Kerala State Spatial Data Infrastructure - Administrative sanction - Orders issued.**

INFORMATION TECHNOLOGY (B) DEPARTMENT

G.O.(MS)No:26/2009/ITD. Dated, Thiruvananthapuram, 06.10.2009.

Read:-1. Letter No. NRDMS/11/1236/07 dated 13.05.2008 from Dr. R. Sivakumar, Head (NRDMS) & CEO, NSDI, Department of Science & Technology, Government of India.

2. G.O(MS) No. 4/09/ITD dated 17.01.2009.

**ORDER**

The State Spatial Data Infrastructure (SSDI) provides a basis for spatial data discovery, evaluation and application for users and providers within all levels of government, the commercial sector, the non-profit sector, academia and by citizens in general. It includes the technologies, policies and people to promote sharing of geospatial data through all levels of government, the private and non-profit sectors, academic community through web-based services. It also creates a reliable and supporting environment to access geographically related information using a minimum set of standard practices, protocols and specifications. The SSDI is the next logical step of National Spatial Data Infrastructure (NSDI) set up at the national level. As per Government order read as 2<sup>nd</sup> above in principle approval for setting up of the Kerala State Spatial Data Infrastructure was issued.

**The main components and objectives of Kerala SSDI shall be as follows:-**

**Main components:-**

- i Policies & Institutional Arrangements (governance, data privacy & security, data sharing, cost recovery)*
- ii People (training, professional development, co-operation, outreach)*
- iii Data (digital base map, thematic, statistical, place names)*
- iv Technology (hardware, software, networks, databases, technical implementation plans)*

**Main objectives:-**

- i Develop and maintain standard digital collection of data.*
- ii Develop common solutions for discovery, access and use of spatial data in response to the needs of diverse user groups.*
- iii Increase the awareness & understanding of the vision, concepts and benefits of the KSDI.*

- iv To develop a web based Geo Portal to acquire, process, store, distribute and improve the utilization of geo-spatial data (sharing of geo spatial data through internet) for planners, decision makers and public.
- v Provide a gateway of spatial data being generated by various agencies in the State

A Technical Committee headed by Secretary (IT) and Dr. Samsuddin, CESS as convener and having members from various organisations, including NIC, KSITM, KELTRON, KSCSTE has made a study on various aspects of setting up of Kerala SSDI and has prepared an RPF which can be issued for setting up the Kerala State Spatial Data Infrastructure at an estimated project cost of Rs. 322 lakhs and recurring cost of Rs. 103 lakhs per annum. A total cost of Rs. 937 lakhs is envisaged for a five year period. The proposal also includes **seven posts** to be created at the level of:

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|---|---|
| (i) Director (one)  | : Rs. 37400-67000; Grade pay Rs. 10000. |
| (ii) Remote Sensing/GIS Specialist (Scientist E1)(one)            | : Rs. 15600-39100; Grade pay Rs. 8700.  |
| (iii) Spatial Data Officer (Scientist E1)(one)                    | : Rs. 15600-39100; Grade pay Rs. 8700.  |
| (iv) System Administrator/software programmer (Scientist E1)(one) | : Rs. 15600-39100; Grade pay Rs. 8700.  |
| (v) Technical Officer (Two)                                       | : Rs. 9300-34800; Grade pay Rs. 4200    |
| (vi) Deputy Register (Administration)(one)                        | : Rs. 16650-23200.                      |

This is a new scheme provided under Annual Plan 2009-10 with an outlay of Rs. 100 lakhs under the head of account 3451-00-101-87-KSITM.

Government have examined the proposal as above and are pleased to issue administrative sanction for setting up of Kerala SSDI by meeting the expenditure for a project cost of Rs. 322 lakhs and recurring cost of Rs. 103 lakhs per annum under the current year budget provision under the head of account 3451-00-101-87-KSITM subject to the condition that the staff may be found only through redeployment and limiting the current year expenditure to the plan outlay of Rs. 100 lakhs only.

Orders regarding identifying staff for the PMU for the KSSDI will be issued separately.

By Order of the Governor  
**Dr. Ajay Kumar**  
 Secretary to Government

To

All Additional Chief Secretaries/Principal Secretaries/Secretaries.  
 The Member Secretary, State Planning Board.  
 The Director, Kerala State IT Mission (To put the G.O on the Website).  
 Dr. Sivakumar, Head (NRDMS) & CEO, NSDI, Ministry of Science & Technology, New Delhi - 110 016 (with C/L)

Sri.S.R. Rao, Additional Secretary, DIT , Electronic Niketan, 6, CGO  
Complex, Lodhi Road, New Delhi- 110 003 (with C/L)

The State Informatics Officer, NIC, Thiruvananthapuram.

The Managing Director, KELTRON.

The Executive Vice President, Kerala State Council for Science, Technology  
and Environment, Sasthrabhavan, Pattom, Thiruvananthapuram.

The Director, Centre for Earth Science Studies, Akkulam,  
Thiruvananthapuram.

The Director, Kerala State Remote Sensing Agency, Vikas Bhavan,  
Thiruvananthapuram.

The Executive Director, CDAC.

The Finance Department vide U.O.No. 63843/Exp.A3/09/Fin.dated 22.09.2009

The Planning and Economic Affairs Department.

Stock File/Office copy.

Forwarded/By order

  
Section Officer