



KERALA WATER AUTHORITY

Jalabhavan
Thiruvananthapuram – 695033
Kerala – India

PROCEEDINGS OF THE MANAGING DIRECTOR

PRESENT : Venkatesapathy S. IAS

Sub:- KWA - Admn - Formation of Virtual team for Geographic Information System (GIS) in Kerala Water Authority - Orders issued.

No: 15421/JS I(ADMIN & EST)/2021/KWA

Dated: 09.09.2021

Read:- Section 800 & 801 of the PWD Manual

Geographic Information System (GIS) is a computer system capable of capturing, storing, analysing, and displaying geographically referenced information. Kerala Water Authority has started GIS mapping of all water supply and sewerage network in Kerala State including the assets and other objects of interest. It provides a complete and accurate map of water supply and sewerage network in Kerala. KWA-GIS is a tool for planning preliminary alignment; and development of the water supply and sewerage network to improve service to the consumers and to assist with better decision-making. An important use of GIS is to enable KWA to develop efficient maintenance strategies for water supply and sewerage system.

In the above circumstance, a Virtual team with following members is hereby constituted for Geographic Information System (GIS) in Kerala Water Authority. They shall continue at their present working stations and carryout the GIS activities from there.

Sl No	Name	Designation	Office
1	Gopakumar G S	Executive Engineer	MD's Unit, Head Office
2	Rahul K R	Assistant Engineer	MD's Unit, Head Office
3	Saratchandrakumar C	Surveyor Gr I	PPD Camp Office Kollam
4	Binish P C	Surveyor Gr I	PPD Camp Office Kochi
5	Jovin Varghese	Surveyor Gr I	PPD Camp Office Alappuzha
6	Balu B V	Surveyor Gr II	PPD Camp Office Pathanamthitta
7	Eldho P Mathew	Surveyor Gr II	PPD Camp Office Kochi

In addition to the relevant duties and responsibilities, the following are the prospective duties of Virtual team for Geographic Information System (GIS) in Kerala Water Authority.

1. Properly backup and ensure safety of the GIS data.
2. Verify the accuracy of the presently available data and apply corrections, if any.
3. Capture new data and update the GIS data.



4. Make the GIS data and data structure uniform across all the districts.
5. Modify the database structure of the existing GIS data, if required.
6. Incorporate new GIS data and database structure, if found necessary.
7. Make purchases necessary for the effective functioning of the Cell.
8. Conduct necessary training on GIS to various category of employees.
9. Prepare detailed proposals for applications under various platforms (such as web-based platforms and mobile phone-based platforms) through which the data can be shared with the field officers.
10. Prepare detailed proposals for applications under various platforms for data collection from field officers and subsequent verification and updating of GIS data.
11. Closely monitor the latest technological developments in this field and assess its suitability in KWA and prepare implementation plan for the same.
12. Generate Management Information reports from the GIS data.
13. Prepare detailed proposals for communications with other running software in KWA for updating data in both the systems as well as for generating reports.
14. Create actionable management reports for its effective functioning.
15. Create proposals for its future activities.
16. Create proposals for modifying its own duties and responsibilities for better functioning.

The team will be having additional duties of streamlining the operation of all the Local Units, carrying out advanced data processing / analysis etc.

The team shall be working under the Guidance of GIS Advisor and should be under the administrative control of the Chief Engineer (HRD&GL).

Sd/-

Venkatesapathy S. IAS
Managing Director

To

The Incumbents

Copy To

1. All the Chief Engineers
2. All the Superintending Engineers / Deputy Chief Engineer
3. PA to MD / PA to TM / PA to AM / CA to CE(HRD&GL) / CA tp CE(P&O) / CA tp FM&CAO / CA to DCE(GL) / CA to SR. AO / AO(Admn&Est) / SS I / JS I / E1 / File / SF.

