

<b>Job Description</b>	
Designation	<b>Data Manager</b>
Department	MAPIT
Place	Bhopal
Job Code	
Job Type	2 years contract (extendable)

### **Background**

Madhya Pradesh State Spatial Data Infrastructure (MPSSDI) is a flagship program of the Government of Madhya Pradesh, being implemented by MAP\_IT - a registered society under the department of Science & Technology, Government of Madhya Pradesh.

The program aims at creating a centralized repository of standardized GIS / satellite imagery data of the State. The repository acts as a single source for discovery and electronic access to spatial data by authorized users of the State. Creation of repository is being done by way of in-house creation of new data as well as collating the existing GIS data available with the state.

### **Job Description**

- Document and implement Standard Operating Procedures for GIS data creation and analysis
- Oversee implementation of 2D and 3D GIS data creation activities including data QA/QC procedures
- Manage performance and work schedule of resources involved in data creation
- Coordinate with data owner departments/ agencies for enabling data sharing
- Analyze data requirements laid by State users / departments / agencies and advise on optimum data specifications & data creation methodologies
- Evolve SOPs on available open source desktop GIS tools / software entailing workflow implementations for GIS data creation and analysis.
- Guide resources on efficient usage of available open source / proprietary GIS / Image processing software.

***Qualification / Skill and Experience***

<b>Profile</b>	
<b>Essential Criteria</b>	<b>Desirable Qualifications, Skills &amp; Experience</b>
<p><b>Qualification:</b></p> <ul style="list-style-type: none"> <li>▪ Full time Post graduate degree in GIS/ Remote Sensing / Geo-informatics or equivalent subject</li> </ul> <p>OR</p> <p>Graduate in Science or Engineering with Full time Post graduate diploma in RS / GIS / Geo-Informatics or equivalent subject</p> <p><b>Experience:</b></p> <ul style="list-style-type: none"> <li>▪ Minimum 8 years of experience in GIS / Remote sensing based technology implementations/providing solutions.</li> <li>▪ Out of 8 years of experience-               <ul style="list-style-type: none"> <li>○ Should have worked for a minimum of two years in Managerial capacity in large scale GIS data creation projects.</li> <li>○ Should have worked for a minimum of two years with Centre / State Government / Govt. Agency in Managerial capacity for GIS based project implementation.</li> </ul> </li> </ul>	<p><b>Experience:</b></p> <ul style="list-style-type: none"> <li>▪ Experience with project management, including planning, effort estimation and scheduling of GIS based projects.</li> <li>▪ Managing GIS based data creation projects including 2D and 3D data creation.</li> <li>▪ Experience in QA/QC of GIS data sets</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>▪ Clear understanding of GIS systems, data usability and globally recognized data standards &amp; protocols</li> <li>▪ Be able to provide GIS data-related technical guidance and assistance to project teams</li> <li>▪ Be able to understand emerging GIS technologies and their application to improve services</li> <li>▪ Be able to analyze complex problems, evaluate alternatives, and make sound, well-structured recommendations</li> <li>▪ Strong leadership, mentoring, and team-building skills</li> <li>▪ Good written and verbal communication skills in English and Hindi languages</li> </ul>