

F.No.3/11/9/2015-NSDI
Government of India
Ministry of Science and Technology
Department of Science and Technology
NSDI Division

“INVITATION FOR EXPRESSION OF INTEREST FOR GETTING EMPANELLED AS VENDORS FOR SETTING UP /MAINTAINING SPATIAL DATA NODES AND PROVIDING SPATIAL DATA MANAGEMENT SERVICES TO NSDI PARTICIPATING DEPARTMENTS /AGENCIES”.

Department of Science and Technology, Government of India, invites Expression of Interest (EOI) in sealed envelope for getting empanelled as vendors for setting up/ maintaining spatial data/ information nodes and providing spatial data management services to NSDI participating departments/ agencies.

Disclaimer:

This EOI is not an offer by the office of the NSDI, DST or a tender document but it is an invitation to receive responses from eligible interested parties. The purpose of this EOI document is to provide such necessary information to interested service providers that may be useful to them in formulating their Proposals in response to this EOI.

The Expression of Interest (EOI) is invited from the interested service providers to come up with a proposal for getting empanelled as vendors for National Spatial Data Infrastructure, Department of Science and Technology, Ministry of Science and Technology, Government of India. Interested parties who have valid authorization and also have competences and experience to carry out such work are requested to submit the EOI mentioning successfully completed Project , available manpower and financial strength along with supporting documents in sealed envelopes addressed to the Under Secretary, National Spatial Data Infrastructure, Department of Science and Technology, Ministry of Science and Technology, East Block 7, Level 5, Sector-1, R.K. Puram, New Delhi-110066 must reach on or before 20th September, 2016 by 1500 hrs. EOI may be dropped at a box at above mentioned address or sent by Registered post/Speed post so as to reach the aforementioned address on or before the said date. If sent by post, DST will not be responsible for loss or delay in transit.

Background:

India has, over the past years, produced a rich “base” of map information through systematic topographic surveys, geological surveys, soil surveys, cadastral surveys, various natural resources inventory programmers and the use of the remote sensing images. Encapsulating these maps and images into a National Spatial Data Infrastructure (NSDI) has been widely recognised. Currently, emphasis has been on information transparency and sharing. It has now been accepted that spatial information is a national resource and citizens, society, private enterprise and government have a right to access it. Common conventions,

technical agreements, standards, metadata definitions, network and access protocols are required to be followed to facilitate effective and efficient access by all. Towards this goal, a common gateway – the India Geo Portal (www.nsdiindia.gov.in) – has been set up under the NSDI Initiative of the Department of Science & Technology, Government of India. The India Geo Portal is required to be continuously maintained and improved to facilitate above access and use by the geospatial community. Interested parties are thus requested to come up with a proposal as to how they can help NSDI reach its objective.

Technical Specifications:

The Service Provider must have capability and experience in the following work to be executed at the site provided by the stake holder organization or their representative, if any:

1. Creation of Metadata from legacy data as per National and International Service standards under the supervision of the committee constituted for the purpose.
2. Scheduled metadata Harvesting/crawling from nodes of the stake holder organizations to the India Geo-portal.
3. Development and maintenance of OGC/ISO/BIS standard based interoperable web services from the legacy data of the stake holder Organizations.
4. Object Oriented Data Analysis, UML based Database Design and Development of Spatial RDBMS from legacy data of the stake holder organizations.
5. Maintenance, upgradation of both Hardware and software installed at NSDI Node of the stake holder organizations.
6. Installation and maintenance of equipments related to network connectivity, including all type of security requirements.
7. Development of portal to serve standard based web services like WMS, WFS, WCS, CS-W and WPS etc. for the stakeholder departments and getting web site/portal certified by the competent authority as per law of the land.
8. Development and commissioning of the services for the stake holder Departments on standards based protocol to the NSDI web registry to the satisfaction of the committee notified for the purpose.

Any further information/clarification in respect of this EOI may be sought from Shri Nirmalendu Kumar, Hardware Engineer, National Spatial Data Infrastructure (NSDI), East Block-7,Level-5, Sector-1, R. K. Puram, New Delhi using the e-mail (nirmlendu.kumar@nic.in).

(Tapan Kumar Sarkar)
Under Secretary, NSDI
Ph:01126182973