Survey of India
Department of Science & Technology
Government of India

Notice Inviting Expression of Interest (EOI) for Development of "Surveykshan Geo-portal"

Survey of India (SOI) invites Expression of Interest (EOI) from reputed, established and reliable System Integrators (SI) in connection with the development of Web based Geo-Portal of Survey of India.

While the EOI responses may contain indicative commercially relevant information, it will not be construed to be a commercial bid. Eligible EOI bidders will be called for their presentation on proposed workflow/system solution fulfilling the objectives and scope of the project. Request for proposal (RFP) will be issued to all eligible EOI bidders.

The deadline for submission of the EOI bid is 1500 Hrs. (IST) on **21st April 2015**. Expression of Interest shall be submitted in two copies in sealed envelope clearly super scribing on top of envelope "**Expression Of Interest (EOI) for Development of Surveykshan Geo-portal"**

Name of the Firm, EOI No., Bid Due Date & Time shall also be clearly written on the sealed envelope. Sealed envelope containing EOI shall be submitted at the following address:

Additional Surveyor General (Technical)
Office of the Surveyor General of India
Survey of India, Dehra Dun – 248 001
Tel : +91-135-2747051-58; Fax: +91-135-2743331,2744064
E-mail: sgo.technical.soi@gov.in
Website: www.suveyofindia.gov.in

1. **QUALIFICATION CRITERIA:**

    i.   The Firm should have proven experience of successful development and completion of at least one fully functional Geo-portal offering standard GIS functionalities as given in the objectives.
    ii. The firm should have minimum annual turnover of Rs. 10 crores and submitted audited financial statements over the last three years.
    iii. The firm should be registered in India and should furnish Govt. Registration certificates.

2. **OBJECTIVE:** To develop a Geo-portal to Organize, Secure and facilitate delivery of Geo-spatial data products and services as per ISO/OGC standards.

3. **SCOPE OF PROJECT:** SOI has one registered and configured domain name i.e. www.surveykshan.gov.in, this domain name will be used to host the developed Geo-portal. In addition to this, SOI has existing server hardware setup available in the premises of SOI,

Hyderabad for deployment of the developed Geo-portal. Bidder will submit the specifications of the essential hardware upgradation/addition/alteration required in addition to the existing hardware given in the Annexure-A for functional deployment of the developed Geo-portal.

Geo-portal development work will include:

i. Creation of OGC/ISO compliant Web services from the spatial data residing in the RDBMS like ORACLE-Spatial.
ii. Provisioning for consuming the standard ISO/OGC web services created by commercially available other compliant web publishers and web service providers.
iii. Creation of meta-data based catalogue service as per OGC and ISO standards with various search criteria's for the Geo-spatial data products, web services and Aerial photographs of the SOI.
iv. Incorporation of requisite functionalities and necessary customization required for organizing the data delivery mechanism (including the various download options through HTTP or FTP etc.) for the Geo-spatial data products and web services as per the requirements of the SOI.
v. Development of Geo-visualization functionalities including the OGC styling tools and other customized tools and utilities for the data products and web services as per the requirements of the SOI.
vi. Incorporation of SOI data products and web services licensing terms and conditions in accordance to the Government policies and guidelines.
vii. Provisioning for receiving the online payment towards the delivery of the data products and web services of the SOI as per the Government policies and guidelines.
viii. Multi-tier data security and web security layers are to be incorporated based on International standards and technological tools for similar functional Geo-portals. All cyber Security guidelines and web security guidelines of the Government of India should be complied. All essential clearances/certifications for security audit for the Geo-portal from the CERT-IN (Min. of Information Technology) will be secured by the vendor.
ix. Mobile applications are to be developed for different platforms as per the requirements of the SOI for the delivery of the data and web services.
x. Map viewer with functionalities and customized tools to display/overlay various data products and web services with or without styling as per the requirements of the SOI.
xi. Any other functionality and development required for running the user applications based on the ISO and OGC compliant web services of the SOI in light of the point (vi) and (vii) given above.

4.   Eligibility criteria:

Each bidder has to submit the following information and documents in support while submitting the proposal in response to the EOI:
a. Company details describing the technical capabilities and achievements in the requisite Functional domain.
b. Mandatory technical details about the Functional Geo-Portal completed by the vendor:
   i. Types of data delivery product and web services.
   ii. Technologies used in development.
   iii. Functionalities offered in the portal
   iv. Types of licensing terms incorporated for product and service delivery.

    v. Security layers incorporated with details about the technology used.
    vi. Certifications for Security and OGC compliance services obtained.
  c. Experience in India, and/or other key markets.
  d. Detailed workflow/system solution proposed for completion of the work.

5. **Work Schedule:** Following schedule will be followed for EOI and RFP:
    i. Open invitation for EOI is being issued to invite all prospective bidder(s)
    ii. Interested bidders should submit their EOI bids along with credentials, proposed workflow/system and other details.
    iii. SOI will invite eligible bidders for presentation of proposed workflow/system.
    iv. RFP will be prepared and issued to the eligible bidders of the EOI.
    v. Bidders will submit their RFP bids as stipulated in the RFP document

    Tentative schedule of activities:

Activity	Date
Issue of EOI.	31st March, 2015
Pre-submission meeting for any clarifications will be held at SGO, Dehradun 10:30 hrs	16th April, 2015
Submission of EOI.	21st April, 2015
Preparation and issue of RFP to bidders.	20th May, 2015

6. While the Expression of Interest has been prepared in good faith, SOI does not make any representation or warranty, express or implied, or accept any responsibility or liability, whatsoever, in respect of any statement or omission herein, or the accuracy, completeness or reliability of information contained herein, and shall incur no liability under any law, statue, rules or regulations as to the accuracy, reliability or completeness of this request, even if any loss or damage is caused by any act or omission on its part.

7. Bidders are requested to keep the information and details strictly confidential. We are looking for your support and co-operation in getting fully responsive Expression of interest.

8. SOI shall not be responsible for any expense incurred by Bidder in connection with the preparation and delivery of their EOI and other expenses.

9. SOI reserves the right to reject any or all the Expressions of Interest without assigning any reason thereof.

10. The process of inviting EOI is for ascertaining various options available to SOI. After evaluation / examination of the offers, SOI may at its sole discretion decide further course of action.

11. SOI reserves the right to deal with the proposal in any manner without assigning any reasons for the same. The decision of SOI in this regard shall be final.

EXISTING HARDWARE AT SOI, HYDERABAD:

Part Number	Description	Qty
88861TA	Blade Center-S C14 Base Offering SATA- 2*1450W AC PS	1.00
43W3581	DSS Storage Module Option	1 .00
44W2244	IBM 600GB 15K 6Gbps SAS 3.5inch Hot-Swap HDD	3.00
43W3584	Ethernet/ Raid SAS manage Switch Option – Blondi	2.00
46C7438	BC-S POWER SUPPLY OPTION (C14)	1.00
39Y9324	IBM Server Fiber Channel Switch Module for IBM BladeCenter (Zizzy)	1.00
46M0902	IBM UltraSlim Enhanced SATA Multi-Burner	1.00
39Y7927	Line cord - 2.8M 10A/250V C13(2P+Gnd) (India)	2.00
7870G2A	HS22 Westmere 2.40Ghz/12M/1066/80W-3*2GB- OB	4.00
44T1596	4GB 2Rx8 2GBit PC3-10600R 999	16.00
42D0637	IBM 300GB 10K 6Gbps SAS 2.5inch SFF Slim-HS HDD Option	8.00
43W4068	Meteorite SAN daughter Card Switch 4 GB	4.00
230D239	Win Server 2008 Sta	4.00
	42 U Rack with Cable Manager , Padestal , two division with Keyboard	1.00
	5 KVA Online UPS	2.00
	Load Balancer Switch (Masfet base transformer)	2.00
	Keyboard Make Lenovo	1.00
	Mouse Make Lenovo	1.00
	18.5" TFT Make Lenovo	1.00
	Cable for input of Supplies	4.00