

कार्यालय, मुख्य वन संरक्षक, अनुश्रवण, मूल्यांकन, आई0टी0 एवं आधुनिकीकरण,
उत्तराखण्ड, देहरादून।

पत्रांक- 668 / 32-1 दिनांक: देहरादून जून, 28 2023।

सेवा में,

सम्पादक,

1 The Times of India

2 दैनिक जागरण/अमर उजाला/हिन्दुस्तान।

विषय:- विज्ञापन।

महोदय,

कृपया निम्न विज्ञापन अपने समाचार पत्र दैनिक राष्ट्रीय संस्करण (मुख्य महानगरों सहित) न्यूनतम निर्धारित स्पेस में छापवाने का कष्ट करें।

Notice for Expression of Interest (EOI)

Forest Department, Uttarakhand solicits Expression of Interest (EOI) from competent Firms/organizations, specializing in GIS, Remote Sensing and Differential GPS Surveys for assisting Uttarakhand Forest Department for correct field identification of forest boundary based on available forest and revenue land records; followed by precise survey of identified boundary and creation and maintenance of an enterprise class Web/ Cloud GIS based Forest Land Decision Support System. The EOI notice including Prescribed formats, which are required for submission of the EOI are available on the website: www.forest.uk.gov.in

DCF, MEIT&M
Forest Department, Uttarakhand

भवदीय,

मुख्य वन संरक्षक,
अनुश्रवण, मूल्यांकन, आई0टी0 एवं आधुनिकीकरण,
उत्तराखण्ड, देहरादून।

पत्रांक- 668 / 32-1 तददिनांकित।

प्रतिलिपि:- प्रमुख वन संरक्षक(HoFF), उत्तराखण्ड, देहरादून को सूचनार्थ प्रेषित।

मुख्य वन संरक्षक,
अनुश्रवण, मूल्यांकन, आई0टी0 एवं आधुनिकीकरण,
उत्तराखण्ड, देहरादून

Office of Principal Chief Conservator of Forests (HoFF)
85, Rajpur Road, Dehradun

No. PO- 410 / 32-1 Dated June, 28 2023

{Notice for Expression of Interest (EoI) for Geo-referencing of Forest lands in
Uttarakhand and Development of Web-GIS based Decision Support System}

The Supreme Court in their order dated 6.7.2011 (in IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937 in writ petition no. 202 of 1995 – Lafarge Case matter) have ordered for:

- a. “Creation and regular updating of GIS based decision support database, tentatively containing inter-alia the district-wise details of the location and boundary of each plot of land that may be defined as forest for the purpose of the Forest Conservation Act, 1980;
- b. The core buffer and eco-sensitive zone of the protected areas constituted as per the provisions of the Wildlife (Protection) Act, 1972; The important migratory corridors for wildlife;
- c. The forest land diverted for non-forest purpose in the past in the district.
- d. The Survey Of India toposheets in digital formats, the forest cover maps prepared by FSI in preparation of successive State of Forest Reports (SFRs), and the conditions stipulated in the approvals accorded under the Forest Conservation Act, 1980 for each case of diversion of forest land in decision support database”.

Accordingly, Uttarakhand Forest Department plans for identification, geo-referencing of forest land with implementation of a GIS based Forestland Decision Support System for effective and efficient forest land governance in the state, utilizing funds available under CAMPA.

CCF, MEIT&M office of Principal Chief Conservator of Forests (HoFF) Uttarakhand now solicits Expression of Interest (EoI) from competent Firms/organizations, specializing in GIS, Remote Sensing and Differential GPS Surveys for assisting Uttarakhand Forest Department for correct field identification of forest boundary based on available forest and revenue land records; followed by precise survey of identified boundary and creation and maintenance of an enterprise class Web/ Cloud GIS based Forest Land Decision Support System. Applicant firm/ organization must have sufficient capacity, capability and proven experience in undertaking similar assignments. Shortlisted firms shall be provided with necessary RFP document for submitting their techno-commercial offer subsequently.

Eligible organizations may submit their Expression of Interest, with supporting documents in the Prescribed Formats Only. Sealed EOIs must be submitted along with Demand Draft of Rs.25,000/- (Twenty-five thousand only), as processing fee (non-refundable), payable to PCCF (HoFF), Uttarakhand, payable at Dehradun so as to reach this office on or before 4.00 pm on 24th, July, 2023. EOIs received in formats other than the Prescribed Formats will not be entertained.

The EOI notice including Prescribed formats, which are required for submission of the EOI are available on the website: www.forest.uk.gov.in.

Background

The Supreme Court in their order dated 6.7.2011 (in IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937 in WRIT PETITION © No. 202 of 1995 – Lafarge matter) have ordered for creation and regular updating of GIS based decision support database, tentatively containing inter-alia the district-wise details of the location and boundary of:

- Each plot of land that may be defined as forest for the purpose of the Forest Conservation Act, 1980;
- The core buffer and eco-sensitive zone of the protected areas constituted as per the provisions of the Wildlife (Protection) Act, 1972;
- The important migratory corridors for wildlife;
- The forest land diverted for non-forest purpose in the past in the district. The Survey Of India toposheets in digital formats, the forest cover maps prepared by FSI in preparation of successive State of Forest Reports (SFRs), and the conditions stipulated in the approvals accorded under the Forest Conservation Act, 1980 for each case of diversion of forest land in decision support database.”

Survey and mapping of Reserved Forest Blocks was carried out long-time back, even dating back to 19th century using technology, which is outdated today. Based on the survey and mapping carried out earlier, we have the following categories of forest-land records:

- a) With maps showing Forest Boundaries based on chain-compass survey, duly supported by field books indicating chainage and bearings (which are fairly dependable).
- b) Forest Boundaries defined in approximate descriptive terms without exact chainage and bearings (Maps for these may or may not be available)
- c) With unclear boundary descriptions and no dependable maps.

Limitations of such maps are:

- Inaccuracy in angle and distance measures.
- Absence of sufficient thematic features such as roads, nala-crossings, irrigation data, etc.
- Absence of geodetic coordinates; making it difficult to cross- refer & analyse with respect to satellite imageries, toposheets, forest cover maps and other geo-referenced maps.
- Map does not depict existing recent developments such as; encroachments, nearby habitations, settlements after date of notification, etc.

The system of forest land record-keeping also needs to migrate to a modern system to compile maps, records & data relating to forest land in digital form so as to enable viewing

& analysis of such lands in conjunction with several possible land use possibilities to provide a decision support system on scientifically prudent land-use decision.

The FSI, the National organization mandated for national forest mapping has recommended:

- A combination of DGPS and/or total station/ETS to be used for boundary demarcation and digitization. Following the rule of 'Marks' or 'Monuments' before 'Measurements'.
- Ground control points (GCPs) made by SOI should be treated as first reference for any demarcation and digitization.
- UTM projection in WGS-84 datum to be adapted for such boundary digitization.
- Involvement of Revenue officials during such demarcation & digitization exercise.
- Use of Remote sensing imageries for preliminary survey for reconnaissance.

Reiterating the above imperatives, Director General of Forests, MoEF&CC, Government of India, in his letter dated June 12, 2017, written to all State Forest Departments reiterated that defining forest-land records in absolute terms with the help of Geo-spatial technology is not only mandatory as per Hon'ble Supreme Court's order dated July 6, 2011, but it is also in tune with National Forest Policy (Draft- 2018), which also espouses the need of modern technology in precisely surveying forest areas by geo-referencing the boundary information and cross-referencing with other secondary source maps such as Survey of India toposheets, satellite imageries, FSI forest cover maps and other 3rd party maps. Such a step related to digitisation of forest boundaries will not only help in creating a robust Decision Support System both at field and policy level at Government but will also protecting forest boundaries from encroachments.

In view of the above directives of the apex court, Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India formulated necessary guidelines for initiation of this exercise by the State Governments. It has made financial provisions under the Compensatory Afforestation Fund Management and Planning Authority (CAMPA) for initiating the activity of identification and geo-referencing of forest areas. Such utilisations need to be reflected in the Annual Plan of Operation (APO) of CAMPA to be submitted by the State Government for approval of MoEF&CC.

As per the above directives of the Supreme Court and fund provisions assured by MoEF&CC, Government of Uttarakhand now plans to expedite the process of identification, geo-referencing of forest land and development of GIS based Decision Support System for forest land governance in a proactive manner.

Firms possessing the requisite eligibility (pre-qualification criteria), experience and expertise in GIS, Remote Sensing and Differential Surveys with requisite financial strength, may submit their Expression of Interest (EoI), in the Prescribed Formats only, with relevant information/supporting documents. We are looking for firms having good experience in GIS, Remote Sensing and Differential Surveys in forestry sector.

Please be precise and don't provide any unnecessary or irrelevant documents/information. This may go against the institution's credibility and competence.

The application should be in a sealed cover, in duplicate (one original and one copy). Sealed EoI along with Demand Draft of Rs.25,000/- (twenty five thousand) only, as processing fee (non-refundable), payable to PCCF(HoFF), Uttarakhand, payable at Dehradun, should be submitted to CCF, MEIT&M, Office of the PCCF (HoFF), 85 Rajpur Road, Dehradun, Uttarakhand-248001 on or before 4.00 pm on 24th July, 2023. EoIs received in formats other than the Prescribed Formats will not be entertained. EoIs received after due date and time shall not be entertained.

The applicant would be required to satisfy the following eligibility criteria as pre-qualification criteria for submitting their EOI. The EOI of the Firms not meeting the minimum criteria will not be evaluated. Therefore, The Firms not meeting these minimum criteria need not apply.

Eligibility (pre-qualification criteria)

Technical

- ❖ Minimum 5 years of working experience in India in providing similar services related to GIS and Remote Sensing based mapping in forestry sector.
- ❖ The firm must have successfully completed at least two assignments on DGPS survey and Remote Sensing and GIS based mapping for forestry sector projects in India for value not less than Rs.1 crores in last 10 years (copy of work order and completion certificates mandatory).
- ❖ The firm must have sufficient full-time technical human resource for DGPS surveys and GIS mapping (PF/ ESI statement to be enclosed)
- ❖ The firm must have high-precision survey equipment like Dual-frequency DGPS survey equipment (proof of ownership such as Invoice copy to be enclosed).
- ❖ The respondent firm must not be blacklisted for fraudulent and corrupt practices. A declaration to this effect signed by head of the applicant organization in Original must be submitted with the EOI proposal.

Financial.

- ❖ The applicant organization must be net worth positive having a minimum annual turnover of INR 3 (three) crore in the last 3 years from DGPS survey related activities.

Auditors certificate supported with Income Tax returns for FY 2021-22, FY 2020-21, and FY 2019-20 to be submitted along with the EOI.

- ❖ The firm should be registered under GST, Provident Fund, ESI and must not be a defaulter of Income Tax. Copies of GST, PF, ESI registration to be submitted along with the EOI.

Submission of Expression of Interest (EoI)

The EoI is to be submitted as per details given below:

Part I: Covering letter, processing fee

- a) Covering letter as per format (Form I) provided.
- b) A non-refundable processing fee of INR 25,000/- (Rupees twenty-five thousand only).
- c) Authorisation letter to sign/submit the EoI on behalf of the respondent firm.

Part II: Details of the Firm

- a) Background of the respondent Firm (500 words) along with other details of the Firm as per the format (Form II) provided in the EoI. Supporting documents are mandatory (registration certificate, memorandum/ articles of association, Quality Certifications for GIS & Software services such as ISO, CMMi, etc. etc.).
- b) Resource strength for DGPS survey and RS/GIS mapping (Form III)
- c) List of DGPS equipment (Form IV)
- d) List of DGPS survey projects for forestry sector of value more than Rs.1 crore in the last 10 years (Form V) with documentary proof (work order/ completion certificate)
- e) List of GIS/ Web-GIS applications for forestry sector projects of value more than 50 lakhs in the last 10 years (Form VI) with documentary proof (work order/ completion certificate)
- f) List of other important DGPS Survey / Web-GIS projects of Value more than Rs.1 Crore executed by the organization in the last 10 years (Form VII) with documentary proof (work order/ completion certificate)
- g) Financial details of the Firm as per the format (Form VIII) enclosed. Supporting documents are mandatory (Auditor's certificate, copies of balance sheet, IT return, etc.).

Documents required in support of Eligibility (Pre-Qualification)

1. Auditor certified turnover (original) statement on annual income from GIS, Remote Sensing and DGPS survey related services for the last 3 years along with auditor certified Balance Sheet and Financial Statements.
2. Registration certificate of the firm along with Copy of Memorandum of Association of the firm to indicate the nature of business.
3. Copy of PAN card and IT return for last 3 financial years (up to 2021-22).
4. Copy of GST registration and return for last three financial years.
5. Copy of Employee Provident Fund (EPF) registration.
6. Copy of Employee State Insurance (ESI) registration
7. Authorization for signing and submission of the proposal.
8. Declaration against fraudulent practices/blacklisting.

Evaluation and Shortlisting Methodology

Examination of documents in support of Minimum Eligibility Criteria as listed under Prequalification Requirement for the Proposal. EoIs not meeting Minimum Eligibility Criteria (both technical and financial) shall not be taken into consideration.

Detailed Technical and Financial Proposals (RFP) shall be invited from shortlisted firms for submitting their techno-commercial offer subsequently.

General Instructions

- The applicant organization shall bear all costs associated with the preparation and submission of its EoI and PCCF, Uttarakhand will in no case be responsible or liable for these costs, whether the proposal is finally accepted or not.
- EOI with documents arranged systematically in prescribed format is to be submitted in a sealed envelope.
- The envelope must show the name of the participating firm, address and should be superscribed as “EoI for for Geo-referencing of Forest lands in Uttarakhand and Development of WebGIS based Decision Support System”.
- EoIs are to be addressed to CCF, MEIT&M, Office of the PCCF (HoFF), Uttarakhand, Van Bhawan, 85 Rajpur Road, Dehradun, Uttarakhand-248001.
- EOI with all supporting documents, should reach the above address by Registered Post/ Courier on or before 24th July,2023 by 4:00 PM after which no EOIs would be accepted.
- The EoIs will be opened at office of PCCF (HoFF), Uttarakhand on 26th July, 2023 at 3:00 PM. Participating firms may depute one representative to remain present at the time of opening.
- Incomplete, illegible, and unsealed EoIs will be summarily rejected. Telegraphic EoIs will not be accepted, and no correspondence will be made in this regard.
- Language of EoI should be English.
- PCCF (HoFF), Uttarakhand reserves the right to accept or reject any EoI/all the EoIs, without assigning any reason thereof.

Prescribed Response Formats

Form I: Covering Letter (On Organisation's Letter head only)

Date:

To

The CCF, MEIT&M,
Office of PCCF (HoFF), Uttarakhand,
Van Bhawan,
85 Rajpur Road, Dehradun, Uttarakhand.

Subject: EoI for Geo-referencing of Forest lands in Uttarakhand and Development of Web-GIS based Decision Support System.

Reference: Your EoI notice dated _____

Dear Sir,

Having examined the Expression of Interest (EOI) notice, the receipt of which is hereby duly acknowledged, I/we the undersigned, intend to submit our EoI for shortlisting of our firm, for providing services related to Geo-referencing of Forest lands in Uttarakhand and Development of Web-GIS based Decision Support System. We attach the response as required in EoI, which constitutes our proposal.

1. Contacts Information

Name	
Title	
Name of the firm	
Address of the firm	
Website	
Phone	
Mobile	
Fax	
Facsimile	

2. We confirm that the information contained in this response or any part thereof, including its exhibits and other supporting documents & instruments delivered or to be delivered to the PCCF (HoFF), Uttarakhand is true, accurate, verifiable, and complete. This response includes all the information necessary to ensure that the statements therein do not in whole or in part mislead the Uttarakhand Forest Department in its shortlisting process.

3. We fully understand and agree to comply that on verification, if any of the information provided here is found to be misleading this shortlisting process, we are liable to be dismissed from the selection process or termination of the contract during the Project, if awarded to do so, for providing the said Services to the Project. We agree to unconditional acceptance of all the terms & conditions set out in the EoI document.

4. It is hereby confirmed that I/We are entitled to act on behalf of our organisation and are authorized to sign this document as well as such other documents, which may be required in this connection.

Dated this day of _____ Month, 2023

(Signature) in the capacity of

Name & address of the firm with seal stamp of the EOI Applicant

Witness signature

Witness name

Form II: General Details of the Organisation

Details of the Organisation	
Name of the Organisation	
Nature of legal status of the Organisation	
Nature of business in India	
Date of Incorporation/year of Establishment	
Address of Registered Office	
Phone no	
Email	
Website	
Name, contact no and Email of Head of organization	
Name, contact no and Email of Contact Person for the EOI	
Quality Certification (ISO, CMMi, etc.) for DGPS survey, GIS/WebGIS development	
Mandatory Supporting Documents: As indicated in Eligibility Criteria	

Name & address of the Organisation with seal stamp of the EOI Applicant

Form III: Resource strength for DGPS survey and RS/GIS mapping

Sl.	Name of the Resource person	Qualification	Proficiency (DGPS/ RS/ GIS/ WebGIS)	Years of Experience

Name & address of the Organisation with seal stamp of the EOI Applicant

Form IV: Details of DGPS Equipment

Sl.	Make/ Model	Sl. No*	Precision	Proof of ownership (Invoice copy, etc.)
1.				
2.				
3.				

(*Serial Nos of equipment, which shall be subject to verification. Equipment quoted without Sl.no. shall not be considered for evaluation)

Name & address of the Organisation with seal stamp of the EOI Applicant

Form V:

List of DGPS survey projects for forestry sector of value more than Rs.1 crore in the last 10 years

Sl.	Name of Client	Name of the Project	Work order No & date	Completion date	Value of Work completed (in Rs.)	Supporting work order/ completion certificate
1						
2						
3						

NB: Documentary proof (work order/agreement/ completion certificate) to be enclosed

Name & address of the Organisation with seal stamp of the EOI Applicant

Form VI:

List of GIS/ WebGIS applications for forestry sector projects of value more than 50 lakhs in the last 10 years

Sl.	Name of Client	Name of the Project	Work order no & date	Completion date	Value of Work completed (in Rs.)	Supporting work order/ completion certificate
1						
2						
3						

NB: Documentary proof (work order/agreement/ completion certificate) to be enclosed

Name & address of the Organisation with seal stamp of the EOI Applicant

Form VII:

List of other important DGPS Survey / WebGIS projects of Value more than Rs.1 Crore executed by the organization in the last 10 years

Sl.	Name of Client	Name of the Project	Work order no & date	Completion date	Value of Work completed (in Rs.)	Supporting work order/ completion certificate
1						
2						
3						

NB: Documentary proof (work order/agreement/ completion certificate) to be enclosed

Name & address of the Organisation with seal stamp of the EOI Applicant

Form VIII: Financial Details of the Firm

Financial Information	FY 2019-20	FY 2020-21	FY 2021-22
Revenue (in INR Crores)			
Profit Before Tax			
Revenue from GIS, RS and DGPS Services			
Additional Mandatory Supporting Documents: Certification by the firm auditors supporting the revenue from GIS, RS and DGPS related services, Net worth and IT returns			

Name & address of the Organisation with seal stamp of the EOI Applicant