

भारतीय उष्णदेशीय मौसम विज्ञान संस्थान, पुणे

पाषाण, पुणे-411008

Tender Notice No. –C-050-46/Tender/03/2012

डॉटा एक्सेस वेब पोर्टल हेतु अभिरुचि व्यक्त करने के लिए अनुरोध
Request for Expression of interest for Data access web portal

भारतीय उष्णदेशीय मौसम विज्ञान संस्थान, पुणे पृथ्वी विज्ञान मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान है। संस्थान अपने कार्यालय पुणे में मौसमविज्ञानी डॉटा सेटों के डॉटा आरगनाइजेशन, एक्सेस एवं विजुवलाइजेशन में रुचि रखता है।

Indian Institute of Tropical Meteorology, Pune is an Autonomous Research Institute under the Ministry of Earth Sciences, Government of India. The Institute is interested in preparing and launching a web portal for data organization, access and visualization of the meteorological data sets at its office in Pune.

डॉटा में रेडियोसोन्ड प्रेक्षणीय डॉटा, रडार डॉटा तथा विभिन्न स्थानों एवं विभिन्न फार्मेटों के अन्य उपकरण प्रजनित डॉटों सहित अनेक डॉटों का समावेश है। डॉटा को वर्ड स्टैंडर्ड डॉटा फार्मेट में समरूप व्यवस्थित करना है और डॉटा सेलेक्शन, एक्सट्रैक्शन तथा विजुवलाइजेशन के साथ ऑनलाइन उपलब्ध कराना है। संबंधित हार्डवेयर, सॉफ्टवेयर की आपूर्ति तथा प्रशिक्षण का अनुबंध टर्नकी आधार पर होगा। इस प्रकार की वेबसाइट का उदाहरण :

<http://iridl.ldeo.columbia.edu/>

<http://apdrc.soest.hawaii.edu/>

The data comprise of various data sets including radiosonde observational data, radar data and other instrument generated data of different locations and different formats. Data has to be organized in a uniform, world standard data format and made available online with data selection, extraction and visualization. The contract will be on turnkey basis including supply of related hardware, software's and training. Examples of this kind of website:

<http://iridl.ldeo.columbia.edu/>

<http://apdrc.soest.hawaii.edu/>

संस्थान वेब आधारित एक्सेस हेतु बैज्ञानिक डॉटा तथा रखरखाव में अनुभवी प्रतिष्ठित साफ्टवेयर कंपनियों से अभिरुचि आमंत्रित करता है। ईओआई दस्तावेज संस्थान की वेबसाइट www.tropmet.res.in या सीपीपी पोर्टल www.eprocure.gov.in से डाउनलोड किए जा सकते हैं या कम्प्यूटर अनुभाग से व्यक्तिगतरूप से लिए जा सकते हैं। इस ईओआई प्रत्युत्तर प्रस्तुत करने की अंतिम तिथि 26.11.2012 है।

The Institute invites Expression of Interest from reputed software companies who are experienced in handling scientific data and develop techniques for web based access. Detailed EOI document can be downloaded from Institutes website www.tropmet.res.in or CPP portal www.eprocure.gov.in or can be collected in person from Computer Division. The last date for submission of response to this EOI is before 26.11.2012.

Computer Engineer
For Director

INVITATION FOR EXPRESSION OF INTEREST

FOR

Portal for Data Management and Visualization

**INDIAN INSTITUTE OF TROPICAL METEOROLOGY,
DR. HOMI BHABHA ROAD, PASHAN, PUNE-411008.**

1. ABOUT IITM

The Indian Institute of Tropical Meteorology (IITM), Pune an autonomous body under Ministry of Earth Sciences (MoES), Govt. of India. IITM is country's premiere research Institute to generate scientific knowledge in the field of meteorology and atmospheric sciences that has potential application in various fields such as agriculture, economics, health, water resources, transportation, communications, etc. It functions as a national centre for basic and applied research in monsoon meteorology. In order to achieve reliable extended range prediction of the monsoon and to establish India's stand on a variety of issues related to global warming and climate change Institute is having various Scientific Programs with clear mandates. IITM collaborates with various International centers worldwide, and exchanges voluminous data pertaining to climate modeling applications and climate studies under its Scientific Programs.

For more information please visit IITM website : www.tropmet.res.in.

2. SCOPE OF WORK :

Data Web portal for management, selection, extraction and visualization of Meteorological Data at the Institute.

Present Scenario:

IITM has collection of following data sets –

1. Has Data generated by ocean atmospheric and coupled Models.
2. Instrument generated data like RS-RW pilot balloon data.
3. Long-term and short-term projects generated data like CAIPEEX, HAPCL project which will be continuously added in future.
4. Model analysis results data sets.
5. Data acquired from different services for specific request.
6. Data downloaded from different sources / sites as per requirement by scientists.

The data sets are in many different varieties, different formats, and different locations within IITM.

Requirement of data portal and Scope of Work:

The requirement is to prepare a comprehensive website which will archive and consolidate all the data sets in a systematic manner, provide easy access to users by selecting and visualizing the data online. The data web portal should provide description of data, source of data, facility for multiple selections, disclaimer agreement. On the spot plotting selected parameters of plot, contour plot etc should be available.

Data portal should also have different access privileges for uploading / downloading particular data sets for specific period. Data servers generating instrument

should directly be linked to the web portal and latest data can be made available on authentications.

The vendors Scope of Work will be as follows:

- ✦ Design, Development and Deployment of Data Portal for IITM.
- ✦ Supply and Installation of commercial software's and hardware's required for such data portal.
- ✦ Providing onsite support for data portal Software and its related issues for during the period of contract.
- ✦ Providing onsite and on systems training to all concerned users at periodic intervals.
- ✦ To ensure that the application will run with a 99% uptime and Service Level Agreement (SLA) for the same.
- ✦ Development and deployment of any intermediate patches, customization and bug fixes for the Data Portal application etc.
- ✦ Liaisoning with various sections of IITM in seeking, consolidating and converting of data to necessary format for the Data portal.

3. PRE-QUALIFICATION FOR PARTICIPATION :

The vendor should have been in existence for at least five years and should have well established office in India with trained manpower in design, development and maintaining the solution and capable of deputing these personnel at IITM. Bidder should provide details his setup and infrastructure.

Vendor should have experience in scientific data handling, manpower with knowledge of mathematical libraries of data analysis. Experience of completing similar project for scientific data is essential. Documentary evidence for the same should be produced in response to this EOI.

Participation in the EOI is an essential and necessary condition to participate in tendering process.

4.EVALUATION PROCESS:

- Step1: Interested bidders may express their willingness in writing by responding to all the points mentioned in **Section 2 and Section 3** above with documentary evidence on or before **26.11.2012 at 15:00 hrs.**
- Step2: IITM shall review the proposal and call the bidders for a presentation or clarification if required.
- Step3: IITM will short list the bidders based on section 3 and 4 above.
- Step4: The short listed bidders will only be allowed to participate in the next stage of tendering process.

5. INSTRUCTIONS TO BIDDER

- a) IITM reserves the right to cancel the EOI/tendering process at any time without assigning any reason thereof. IITM will not be held liable for any loss which may incur to any bidder because of this cancellation.
- b) An undertaking (self certificate) is to be submitted that the Organization has not been blacklisted by any Central/State Government Department/Organization.
- c) Please note that all the pages of the EOI documents should be signed with date and seal of the Organization.
- d) The covering letter and the Proforma given in this document should be submitted on bidder's company Letter Head, along with the technical proposal.
- f) All the submitted proposals will be scrutinized on the basis of documents and information furnished by company/ industry along with the prescribed form.
- g) IITM may obtain clarifications wherever required from the company or from the referred client list in the profile. Based upon the scrutiny, officers of those companies / industries that fulfill the pre qualification criteria presentation / interaction on proposed methodology and other conditions as stated above would be shortlisted.
- h) Tender document for all the above requirements will be issued only to technically and financially qualified potential bidders.
- i) The Bidders should fill the Performa-I as attached and sign on all pages.
- j) The bidders should sign on each page in their response to this EOI.

6. EOI DOCUMENTS: EOI SHALL CONTAIN THE FOLLOWING DOCUMENTS:

- a) Company profiles including organizational structure with details of ownership and

evidence of incorporation.

- b) Evidence of technical & financial capability, including annual audited accounts for the past five (05) years ending March 31, 2011. Certificate from Chartered accountant for the Net worth Criteria.
- d) Detailed technical strength in developing such data portal and client reference where developed and deployed similar applications.
- e) Suggestions and views, if any for this solution requirements of IITM.
- f) Estimated Manpower and Man hours for developing the data portal and approach for maintaining 99% uptime.

Submission of EOI: EOI should be submitted in a sealed envelope clearly marked **“Portal for Data Management and Visualization.”** and Addressed to :

The Director,
Indian Institute of Tropical Meteorology,
Dr. Homi Bhabha Road, Pashan, Pune 411 008
Maharashtra
India
Phone: +91-20-2590-4200 Fax : +91-20-2586-5142 8

INDIAN INSTITUTE OF TROPICAL METEOROLOGY

**TENDER FORM FOR SELECTION OF IT COMPANIES FOR DESIGN,
DEVELOPMENT & USOVAP SYSTEM IN IITM**

1. Particulars of Applicant Company			
Name of the Company			
Registration No.			
Address			STD Code Tel. No.1
			Tel. No.2
			Fax No.
	City		Pin
	State		E-mail *
Website Address			
Type of company	Government	Public Sector Undertaking	Private Limited
	Partnership	Public Limited	Proprietorship

* Email sent on this address will be treated as valid communication. Add a separate sheet, if necessary

2. Details of EMD (not applicable for this tender)			
Demand Draft No.	NA	Dated- NA	Amount- NA
Drawn on (Bank & Branch)	NA		

3. Particulars of Director/CEO/Proprietor/Partner			
Name & Designation	Address	STD Code	
			Tel. No.1
			Tel. No.2
			Fax No.
	City		Mobile
	State		Pin
E-mail			

4. Particulars of Contact Persons

S No.	Name & Designation	Address		Numbers
1.			STD Code	
			Tel. No.	
			Fax No.	
			Mobile	
			E-mail	
2.			STD Code	
			Tel. No.	
			Fax No.	
			Mobile E-mail	

5. Location of Offices in & around Pune

S No.	Name of Head	Address		
1.			STD Code	
			Tel. No.	
			Fax No.	
		City:	Mobile	
		Pin Code:	E-mail	
2.			STD Code	
			Tel. No.	
			Fax No.	
		City:	Mobile	
		Pin Code:	E-mail	

6. Turnover for last three years (All amounts in Indian Rupees and in Lacs only)

Year	Period (Month/Year) From To	Total Turnover of the Company
2011-2012		
2010-2011		
2009-2010		

7. Certifications	Yes/No (Indicate the level wherever it is applicable)	Valid up to
ISO-9001: 2000 in software development		
Any other (Please specify)		

8. Experience	Years	Months
Software Development including preparation of SRS		
Data portal Projects		
Other IT / Software Development Projects		

Add a separate sheet, if necessary

9. Details of customers for which application Software developed or SRS prepared				
Name & Address of Customer	Contact Person & Tel.No	Your own standard solution	Value (Rs. In lacs)	Duration as per contract
1				
2				
3				
9.1 Projects completed during last 2 years				
1.				
2				
9.2 Projects completed prior to last 2 years				
1				
2				
Add a separate sheet, if necessary Note: Attach explanatory note for each project in not				

10. Details of IT Professionals

No. of full time Software Professionals likely to be deployed for this project.
Please attach list of software professionals along with their qualifications and experience.

Any other information that Applicant Company wants to give
Add a separate sheet, if necessary

11. List of Enclosures

(i)	
(ii)	
(iii)	
(iv)	
(v)	
(vi)	
(vii)	

Undertaking

This is to certify that I have gone through all the pages of the tender document. The applicant company undertakes to abide by all the terms & conditions mentioned in the EOI tender document. It is further certified that the information furnished in the tender is true and correct.

Date:
Place:

Signatures:
Name:

Designation:

Seal

In the Event of any of above information found to be false, we understand that own EOI proposal tender can be forfeit the EMD submitted for this tender.
