G.B. Pant National Institute of Himalayan Environment & Sustainable Development

(An autonomous Institute of the Ministry of Environment, Forest & Climate Change)
Kosi-Katarmal, Almora - 263643, Uttarakhand, India
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Expression of Interest

For Industry Standard Database centre (Bilingual)

The proposals, in the prescribed format, shall be submitted online at *https://moefcc.euniwizard.com/* as per the tender document. No tender will be accepted in hard copy, fax, e-mail or any other such means. The intending, bidders must be registered with Public Procurement *https://moefcc.euniwizard.com/* the tender document is also available on website: *https://moefcc.euniwizard.com/* and CPP Portal *https://eprocure/gov.in/epublish/app*

Full details of tender documents are also available at the Institute web-site http://gbphied.gov.in and http://nmhs.org.in

SN	Activity/Item Description	Time Schedule
1	EOI No.	GBPI/EOI/NMHS-PMU/2018/03
2	Request EOI document from date and time	29.08.2018 at 16:00 Hrs
3	Request EOI document till date and time	14.09.2018 at 15:00 Hrs
4	EOI online submission end date and time	17.09.2018 at 15:00 Hrs
5	Date and time for opening EOI	20.09.2018 at 15:30 Hrs
6	e-Tender Processing Fee	Rs.3000/-(excluding GST @18%)Non-refundable shall be paid through e-payment gateway In favor of ITI limited.
7	ITI Helpdesk Contact Detail	Mr. Sandeep Kumar :09212512731,Mr.Amrendra Kumar:09015535108 Helpdesk No.(10:00 to 18:00 Hrs):011-49606060

OVERVIEW:

National Mission on Himalayan Studies (NMHS) initiated by Ministry of Environment Forest and Climate Change (MoEF&CC) having it's Project Management Unit (PMU) at G.B. Pant National Institute of Himalayan Environment & Sustainable Development (GBNIHESD), Almora, Uttarakhand is planning to establish a **"Database Centre"** which is envisaged to be a national platform (physical as well as digital) for advocating collection, dissemination and synthesis of Himalayan data/information on biosphere-hydrosphere-atmosphere and socio-economy.

The Objective:

National Mission on Himalayan studies is a central grant in aid scheme under MOEFFCC. With a view to organize & manage different datasets pertaining to Indian Himalayan Region (IHR),it is proposed to establish a Database centre to facilitate data management services uninterruptedly and securely through electronic mode using open source or commercial database technology for hosting the data. The objective is to have an industry standard Database development and round the clock support for the production environment.

Scope of work (Not Restricted to.):

- To create a Bilingual (English & Hindi) **Relational Database<NMHS>**with open source or commercial database technology (if open source DB such as postgres SQL may not seem to perform optimally with the technical requirement) having the server and client (five nos.) installations.

- Database should be designed in a way that would ensure ACID property.

- Database will be classified relating to our 7 Broad Thematic Areas (BTAs) and there must be a scope of increasing or decreasing the number of themes.

- There will be sub categories defining the class/sector under which the final table will be created.

- Total no. of tables across these sectors is **expected around 150 where each table will have 10 attributes on an average**.

- In every BTAs and in its subcategories there must be a scope of increasing the no of tables

- Database must support all types of data such as string, Integer, Boolean, Varchar, Double, Float, etc.

- The table should also have the facility to upload the images, geo-coordinates (lat, long, elevation), documents.

- The schema of the table to be created will be provided by the NMHS - PMU/GBPNIHESD

- The data/information would be required to be entered under each table as provided by NMHS-PMU which would be required to also be tested against NULL, Zero or Blank entries.

- Existing portal **nmhsportal.org** would be required to be configured for public registration where again a database has to be maintained in order to incorporate the users' information during registration process and access privilege.

- The NMHS database would be required to be linked with the existing portal **nmhsportal.org** to also facilitate data input and display online based on the type of data as public, protected & private and also on the access privilege of the user (Metadata can be made visible to all users)

- For each table, the corresponding VIEW table would also be required which will facilitate for **data entry by the users** through portal. This will be the virtual table having the records but this would require quality/format check before rolling it to the actual tables.

- Provisioning of Internal search engine within the portal for the convenience of end user to select the tables (VIEW) in which he wants to make the entry through the portal

- For hardware support, a Network Attached Storage (NAS) infrastructure with minimum specification of 5 TB to be supplied by the vendor (Workstations are already existing) with necessary networking and ensuring an automatic daily backup through different NAS at different location within the premises.

- Failover management and recovery option

- Firewall setup for the secure database access control.

- Technical information repository for configuration and operation support, application issues and performance tuning

- Submission of monthly diagnosis report for analysing the efficiency and optimize the database design

- A two month rigorous training of NMHS staff for database management.

- After commissioning the database, initial support for a period of one year onsite support which will cover but not limited to the data entry, any small modifications suggested in the schema of the tables and resolving issues in the production environment.

Schedule:

Sl. No	Information	Details
1.	Last date of receipt of EOI responses	**17.09.2018 latest by 03.00 PM**
2.	Address for submission of EOI	**The Administrative Officer, GB Pant National Institute of Himalayan Environment & Sustainable Development, Kosi- Katarmal, Almora-263643**
3.	Opening of EOI's	**20.09.2018 at 03.30 PM**

Eligibility Criteria:

- The bidder shall have minimum 5 years of experience providing industry standard DBA development, support and maintenance of database.
- The bidder must be an entity registered under relevant laws of India and have a branch office in India and must have the **ISO 9001:2008** or such equivalent certification.
- The bidder must have successfully commissioned minimum five similar projects of which minimum three should be under Govt. Organizations.
- The bidder should have executed minimum two similar assignments of creating bilingual database.
- The firm shall have an annual turnover of Rupees **Fifty Lakh**.
- The bidder should be familiar with the requirements of handling data of scientific sector entities or data centre handling of large government entities.

Evaluation Criteria:

The responses to the EOI including the enclosed technical documentation shall be evaluated in the following manner;
- The bidder's document will be examined prima facie to verify all the eligibility criteria.
- Preliminary scrutiny of the response to EOI will be made to determine whether the documents are complete and duly signed
- The bidders who will comply with all the eligibility criteria will be called for pre bid presentation for proposed solution.
- Based on the recommendation of the committee as framed by the competent authority, the financial bid would be required to be submitted for final evaluation and assigning the work order.

GENERAL TERMS AND CONDITIONS

1. The bidders or their authorized representative will be allowed at their own costs to be present at the time of opening of EOI.

2. EOI document can be downloaded from the Institute website http://nmhs.org.in.and*https://moefcc.euniwizard.com/*

3. The EOI received after due date and time or incomplete in any other respect or technically not qualifying EOI shall be liable to be rejected.

4. The EOI would be valid for a period of at least three months from the date of its opening.

5. The delivery, installation and commissioning of the material shall be For NMHS-PMU at GBPNIHESD, Kosi-Katarmal, Almora - 263643, Uttarakhand.

6. The bidders must append the following documents with the EOI:
   - Copies of PAN / TAN.
   - Copies of Sales Tax Number along with latest Sale Tax clearance certificate.
   - Copy of Service Tax Number
   - List of clients along with complete addresses and telephone numbers.
   - ITR for last three years

7. During evaluation of the EOI, the Institute may, at its discretion, ask the bidder for clarification of bids. The request for clarification and the response shall be in writing.

8. The Institute reserves the right to accept or reject any or all the EOI or negotiate on any of the EOI conditions/ items and to annul the bidding process and reject all the EOI at any time prior to placement of order without assigning any reason thereto and without any obligation to inform the affected bidders.

9. Proof of implementation of similar projects at the premises of minimum three customers similar to the Institute in size and requirement to be attached with the EOI documents. Certificate of completed projects should be issued by the customer.

10. The bidder shall append a certificate with the EOI that the firm has not been debarred /blacklisted for any reason / period by any Central/State Govt. Dept. / University / PSU etc. If so, particulars of the same may be furnished. Concealment of facts shall not only lead to cancellation of the order, but may also warrant legal action.

11. The entire project should be carried out by the bidder only if the bidder sub contract the project the bidder has the solo responsibility towards successful implementation of it

12. The dispute, if any, shall be subject to the jurisdiction of Courts at Almora.

13. Terms and conditions printed on EOI of the firm, if any, shall not be binding on the Institute, except those mentioned specifically on the order, and acceptance of the order shall be construed as the firm's complete agreement to all the terms and conditions contained in the order and the EOI notice.

14. The bidder may furnish any additional information, which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is however, advised not to furnish superfluous information. No information shall be entertained after submission of eligibility criteria document unless the GBPNIHESD call for it.

15. For any technical query please contact Mr. Sarojanand, Mob. 8859761612, Mail id: databasection.nmhspmu@gmail.com

Annexure 1

Brief Company Profile

1	Name of the Firm/Company	
2	Year of the Incorporation of the company	
3	Complete Address	
4	PAN NO	
5	Service Tax Registration No	
6	Representative's Name and Complete Address	
7	Certifications ISO or any other Certifications	

*Attach the necessary enclosures

Relevant Projects undertaken by the firm

SI No	Name of the Organisation	Work Accomplished	Remarks

*Attach the necessary enclosures