

ONGC Videsh Ltd. N. Delhi

INVITS "EXPRESSION OF INTEREST"(NIEOI)

For Hiring of Consultancy Services for Geological & Geophysical (G&G) Data Management Solution in E&P Company

Ref No. OVL/COMM/IT/EOI/2009

ONGC Videsh Limited (ONGC-VL or OVL) a company incorporated in India is a fully owned subsidiary of India's premier upstream hydrocarbon company Oil & Natural Gas Corporation Limited (ONGC). The mission of ONGC-VL is to explore the globe for energy with the objective to make India self sufficient in hydrocarbons through equity oil overseas Accordingly, ONGC-VL is engaged in acquiring exploration and production acreages abroad to augment country's hydrocarbon acreages and has registered its Office New Delhi.

OVL seeks expression of Interest (EOI) for consultancy services to plan and design seismic and associated Data Management solution. The work includes planning, defining and designing of hardware and software solutions for cataloging, transcription, storage, searching and loading Geological & Geophysical (G&G) data which are available in various formats like tapes, CD/DVD, paper documents etc., designing of environment controlled storage for physical storage of data in tapes and other media in accordance with globally acceptable standards. The work also includes integrating the existing corporate data centre of OVL with the Seismic Data Management solution.

Consultants who can comply with all of the following Eligibility Criteria and Scope of Work, and can by their submission, demonstrate a successful track record, listing previous projects, current services and projects in progress, clients and client key contacts who may be approached, should respond to this EOI within a period of 15 days from the publication of this EOI.

The potential bidders are required to submit the following documents by 26.11.2009 in the Office of Head (Commercial), ONGC Videsh Limited, 5th Floor, Kailash Building, KG Marg, N Delhi-110001 (Tel. no. 011-41291536). However, no price details are to be submitted at this stage: (a) Company profile, organizational set up with details of professional technical and financial capabilities for executing scope of work covered in above EOI. (b) List of similar projects executed by the agency in past, clearly indicating the minimum details like – Scope of work, Type of Wells, Cost, End User (Client), Schedule, Sub contracting / consortium arrangements made by the agency. (c) Detailed Plan for executing entire scope of work. (d) Equipment list, technical specification and capability. (e) Work history for the last 24 months including experience in line. (f) List of similar contracts executed with value and brief scope of work. (h) Company profile with details of professional technical and financial capabilities of participating companies in case of consortium.

The detailed information regarding the brief scope of work is available on ONGC Videsh website or may contact to CE(E&T)-Head IT, ONGC Videsh phone No. 41291333 or Chief Manager(commercial), ONGC Videsh, phone No. 41291536

The potential bidders meet shall be held from 1100 Hrs. on 27.11.2009 at 6th Floor, Kailash Building, KG Marg, N Delhi-110001 . Interested bidders are required to depute their experts to attend the meet at their own costs. Such bidders shall also confirm their willingness two days before the meet. The meeting is proposed to be an interactive session with one bidder at a time. During the meet, bidder shall give a presentation covering their capabilities, details, their etc. Bidders are also expected to present constructive suggestions on Tendering / Execution methodology, during the meet.

The proposal presented by the potential bidders during the bidders meet shall be examined by ONGC and considered for hiring of services. Based on the deliberation in the meet, ONGC will take a view to firm up tender methodology, terms and conditions and bid evaluation criteria for invitation of formal tenders through separate notifications.

The detailed information about EOI the brief scope of work, Technical details are available on ONGC Videsh website at <http://ongcvidesh.com/>

Eligibility Criteria

1. The applicant may be a single entity or a multiple entity/consortium coming together to execute such projects.
2. The agency should have wide experience/exposure in the field of Seismic Data storage and Management System.
3. The agency should have demonstrated capabilities for designing and assisting in implementation & operationalization of seismic data storage and management system for organizations.
4. The agency should have provided consultancy for designing and assisting in implementation of seismic data management solution either within the country or abroad during last 7 years for at least –
 - One project of value at least Rs. 5 Crores.
 - Or
 - Two projects of value at least Rs. 2.5 Crores each.
 - Or
 - Three projects of value at least Rs. 1.7 Crores each.

Documentary evidence in this regard shall be submitted. In case of consortium, at least one of the partners should fulfill the above criteria.

5. The applicant shall submit audited financial statement for last three years.

Scope of Work

1. Data Management Solution Design

1.1 Physical Storage Design

- 1.1.1 Plan and design a suitable environment controlled storage for physical storage of data available in various media. The design should be as per the best practices in the Oil and Gas industry for long term storage of magnetic tape media.
- 1.1.2 Layout and design for storage of tape and other media in bar-coded high density storage racks.
- 1.1.3 Proper fire-fighting system shall be designed, which shall be integrated with the existing fire fighting system.
- 1.1.4 Proper access-control system shall be designed, which shall be integrated with the existing access control system.
- 1.1.5 Proper surveillance system shall be designed, which shall be integrated with the existing CCTV surveillance system.

1.2. Software Systems

- 1.2.1 Recommend software packages for Cataloging, transcription, bar-coding, indexing, searching and loading of data which are available in various formats in various media. The system shall provide web based user interface for data searching.

1.3. Hardware systems

- 1.3.1 Carry-out sizing and recommend proper hardware for running the software packages mentioned at 1.2 above.
- 1.3.2 Recommend tape drives for tape transcription and data loading keeping in view of the available tape media and format.
- 1.3.3 Recommend a suitable storage system for intermediate loading of seismic data before uploading to the data center for processing.

1.4. Data network

- 1.4.1 Plan and design of network connectivity to the existing LAN for providing user interface for data searching.
- 1.4.2 Plan and design of FC connectivity to data center SAN for data uploading.

1.5 Electrical systems

1.5.1 Plan and design electrical system which includes wirings, power outlets, lighting and other fixtures, switchgears, distribution panels, mains panels etc.

1.6 Miscellaneous

1.6.1 The data management solution shall be implemented as turn-key project and as such, any other planning and design required for successful implementation of the project shall be provided as a part of the overall design.

2. Data viewing room design

Design a viable layout which shall include all the infrastructure components required like high-end Workstations (two nos.), furniture, AC, electrical works, LAN, civil works etc. A suitable room shall be identified by OVL for this purpose.

Indicative infrastructure components to be considered during design are:

2.1.1.1 Two numbers of 1.5T Air-conditioners.

2.1.1.2 Furniture for two workstations including one office table, storages etc.

2.1.1.3 LAN cabling for 8 data points, including I/Os boxes, patch cords etc. The LAN cabling shall be terminated on the switch rack jack panels in the Data Center.

2.1.1.4 Electrical cabling for 10 numbers of UPS power points, including all MCBs, DBs etc. as required. The electrical cabling shall be carried-out from the main UPS distribution panel in the electrical shaft.

2.1.1.5 Ducting, painting, windows blinds, polishing etc. as required.

2.1.1.6 All Civil works required including repair works.

3. Development of Operational Procedures and strategy

Guidelines and procedures for operationalizing the Data Management solution shall be developed in consultation with OVL. The procedures shall contain all the operations requirements like cataloging, transcription, bar-coding, indexing, searching, loading of data etc. The guide lines for secure data storage/retrieval and viewing of the data by the end users of OVL shall also be defined.

4. Disaster Recovery Planning

Develop necessary procedures for off-site storage of a copy of tapes as a measure for disaster recovery. Location for off-site storage has been identified by OVL,

and the consultant shall recommend any modifications/alterations required at the site.

5. Presentation to OVL for acceptance of the designed solution.

The design documents along with operational procedures and disaster recovery planning shall be presented to OVL for acceptance.

6. Preparation of RFP

Based on the accepted design and operational procedures, an RFP shall be created in consultation with OVL for inviting tenders for implementation of the design and operations support. The RFP shall also contain clauses regarding trainings to be provided by the implementing vendor. The objective of the RFP shall be to enable fair and transparent selection of a single vendor who shall be the nodal agency required for implementation of the project in accordance with international standards.

7. Assist in implementation

7.1 The consultant shall assist OVL in evaluation of tenders and vendor selection for implementation of Data Management solution.

7.2 The consultant shall be responsible for project management, supervisions, inspections and vendor interactions during the implementation of the project. The consultant shall report to the OVL's representative assigned for the project.

7.3 On successful completion of the project, the consultant shall submit a commissioning report to OVL for acceptance.