



GAIL (India) Limited

CENTRAL INTEGRITY MANAGEMENT GROUP, NOIDA

NOIDA
03, July, 2018

Expression of Interest (EOI) – Inviting technical proposals for enlistment of Consultants for Identification & Assessment of Geo-hazards along pipelines and recommendation for monitoring & mitigation.

Interested reputed Consultants experienced in similar jobs are invited to submit application in prescribed format along with necessary documents in support of their technical and financial capabilities in order to get enlisted for the proposed job.

The completed Application form along with attachments in a sealed envelope superscribed with **“Application for enlistment of Consultants for Identification & Assessment of Geo-hazards along pipelines and recommendation for monitoring & mitigation”** may be forwarded to the address mentioned below within 30 days of publication of this EOI i.e. latest by **02, August, 2018**. Application received after 02, August, 2018 will not be entertained.

Consultants applying against the EOI will be screened based on the technical proposals submitted by them in the attached template along with supporting documents. Shortlisted consultants will only be eligible to participate in the subsequent Request for Proposal (RFP) process for engagement of consultant(s) for the project.

Brief Scope of work, Terms of engagement are indicated in the following sections. Detailed Scope of Work, Schedule of Rates, Evaluation Methodology, Bid Evaluation Criteria etc. will be intimated during the subsequent RFP process.

Address for Submission of Proposal & Documents

General Manager (CIMG)

Central Integrity Management Group, CO-(O&M)

GAIL (India) Ltd

20th Floor, GAIL Jubilee Tower

B- 35 & 36, Sector-1

Noida-201301

Uttar Pradesh, India

Email: selvan@gail.co.in or sranjan@gail.co.in

Contact no: +91-(120) 2446400/4862400

SCOPE OF WORK & SPECIAL CONDITIONS

1.0 BACKGROUND

- 1.1 GAIL (India) Ltd is a Central Public Sector Undertaking (PSU) under the Ministry of Petroleum & Natural Gas (MoP&NG) Government of India. GAIL operates network of Natural Gas Pipelines covering more than 11000 Km with a capacity of above 206 MMSCMD & two LPG Pipelines covering 2040 Km with a capacity of 3.8 MTPA of LPG. Along the pipelines, there are booster/compressor stations. In addition, GAIL owns seven process plants across India for extraction of liquid hydrocarbons from natural gas and integrated petrochemical complex producing 900 KTA of polymers.

2.0 OBJECTIVE

- 2.1 GAIL intends to hire the services of a reputed consultant for Identification & Assessment of Geo-hazards along pipelines and recommendation for monitoring & mitigation. This study work will be taken up on select pipelines of GAIL to be specified along with the detailed RFQ to be issued by GAIL after enlistment of consultants.

3.0 SCOPE OF WORK

Through the proposed study work by the consultant, it is sought to establish an effective management of geo-hazards on pipeline corridors to be achieved by a structured approach within pipeline geo-hazard risk management program to systematically identify, evaluate and manage geo-hazards with the purpose of reducing the risk of pipeline failure. The scope of work by the consultant engaged for this project shall include the following:

- 3.1 In the Stage-1 of the study (SOR-1), the Consultant shall identify all the threats to pipelines from geo-hazards such as landslides and slope instability in hilly terrains, river meandering and widening or bank erosion, river scour, soil liquefaction, land movement, land subsidence, seismic fault zones etc., and to create an inventory of geo-hazards in GAIL pipeline corridors. This shall be accomplished by a combination of desk top activities (data analysis and imagery evaluation), study of published literature and resources available from credible agencies studying the geology of India and field investigation.

The variation in geo-hazard threat on the pipeline corridor shall be defined by segmenting the same to account for the distribution of the various threats that have been identified and significance of each threat estimated.

The identified geo-hazards or geo-hazard potential on the pipeline route will be documented and ranked according to the estimated magnitude of failure probability.

- 3.2 In Stage-2 (SOR-2) of the study, sites ranked beyond a pre-agreed threshold will be further studied in detail and shall be visited by experts of the Consultant to collect field data and incorporate them into the assessment.

The visits to selected sites on the pipeline corridors will evaluate the presence and nature of the geo-hazards for a robust assessment of the threat to the pipeline.

Logistics for the visit of Consultant's experts (airfare by economy class from nearest airport from place of residence to nearest airport in India and further arrangements in air / road / rail travel within India to pipeline site, lodging & boarding in hotel in India shall be provided by GAIL).

- 3.3 In stage – 3 (SOR-3), based on the previous stages of the study, a detailed geo-hazard risk assessment shall be carried out on the pipeline corridors and recommend actions in monitoring and mitigation to manage the risk within acceptable limits.
- 3.4 At the end of the study and after submission of stage-3 report, the consultant shall make a presentation to GAIL at GAIL Noida office at a mutually convenient date but not later than 30 days from the receipt of the above report. Cost of travel to GAIL office Noida from consultant's place shall be deemed to have been included in the contract price and no separate payment shall be applicable.
- 3.5 The deliverables of this consultancy work shall include but not limited to the following:
- a) Detailed report at the end of each Stage containing the approach, methodology and engineering basis for adopted methodology, study carried out, observations, conclusions and recommendations.
 - b) Risk Assessment Report and Recommendations for Monitoring and Mitigation of identified high risk hazards.

4.0 COMPLETION SCHEDULE

Detailed completion schedule shall be provided in the Request for Proposal (RFP) document for engagement of consultants after this EOI stage.

5.0 TERMS OF PAYMENT

Detailed payment terms shall be provided in the Request for Proposal (RFP) document for engagement of consultants after this EOI stage.

6.0 CONFLICT OF INTEREST

GAIL policy requires that consultants provide professional, objective, and impartial advice and at all times hold the client's interests paramount, without any consideration for future work, and that in providing advice they avoid conflicts with other assignments and their own corporate interests. Consultants to be engaged for this assignment that would be in conflict with their prior or current obligations to other clients, or that may place them in a position of being unable to carry out the assignment in the best interest of GAIL, shall not be eligible to participate in this process of engagement. Without limitation on the generality of the foregoing, consultants shall not be hired under the circumstances set forth below:

- (a) Conflict between consulting activities and procurement of goods, works or services (other than consulting services covered in the scope of present engagement): A firm that has been engaged by GAIL to provide goods, works, or services (other than consulting services covered by these Guidelines) for a project, and each of its affiliates, shall be disqualified from providing consulting services related to those goods, works or services for the Project. Conversely, a firm hired to provide consulting services for the preparation or implementation of a project, and each of its affiliates, shall be disqualified from subsequently providing goods, works or services (other than consulting services covered by these Guidelines) resulting from or directly related to the firm's consulting services for such preparation or implementation.
- (b) Conflict among consulting assignments: Neither consultants (including their personnel and sub-consultants) nor any of their affiliates shall be hired for any assignment that, by its nature, may be in conflict with another assignment of the

consultants. As an example, consultants hired to prepare engineering design for an infrastructure project shall not be engaged to prepare an independent environmental assessment for the same project, and consultants assisting a client in the privatization of public assets shall neither purchase, nor advise purchasers of, such assets. Similarly, consultants hired to prepare Terms of Reference (TOR) for an assignment shall not be hired for the assignment in question.

- (c) Relationship with Employer's staff: Consultants (including their personnel and sub-consultants) that have a business or family relationship with a member of the Employer's staff (or of the project implementing agency's staff) who are directly or indirectly involved in any part of: (i) the preparation of the TOR of the contract (ii) the selection process for such contract or (iii) supervision of such contract may not be awarded a contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Employer throughout the selection process and the execution of the contract.
- (d) A Consultant, who prepares Detailed Feasibility Report (DFR) of a Project is not debarred from participating as Project Management Consultant (PMC) for the same Project as both are services in nature.

7.0 CONFIDENTIALITY OF INFORMATION AND DATA

All information obtained by bidder/consultant/expert during the project and all information / data / maps etc. provided by the Company to the bidder / consultant / expert must be considered confidential and must not be divulged by the bidder / consultant / expert or its personnel to any-one other than the Company's personnel. This obligation of bidder/consultant/expert shall be in force even after the termination of the contract. No part of the consultancy work shall be permitted to be presented and / or published in scientific / technical papers / journals etc. without prior approval of the Company in this regard.

8.0 PRE QUALIFICATION REQUIREMENTS

8.1 Financial

The agency to be engaged through this EOI process shall be of sound financial standing evidenced by the following:

- a) The turnover in any of the preceding three financial years shall be minimum Rs 1.70 Crores (US\$ 2, 50, 000)
- b) The net worth of the agency shall be positive in the immediate preceding financial year.

Documentary evidence in support of the same shall be provided along with the proposal.

- Financial Pre-qualification requirements will be exempted for Academic and Research Institutions funded wholly or partly by Government of India.

8.2 Technical

- a) The agency to be engaged by GAIL for this job shall be a Geological / Geo-technical consultant who must have completed execution of at least one consultancy or study work in the field of geo-technical assessment for Hydrocarbon Pipeline / National Highways / Railway Line in preceding seven years prior to the application submission date.

- b) Self attested documentary evidence in support of above is required to be attached along with Application Form.
- 8.3 Applicants with qualification / experience / certifications not relevant to the current requirement of engagement shall be excluded in the screening process. Decision of GAIL in this regard shall be final and binding and no representation or correspondences will be entertained.
- 8.4 Any canvassing on the part of the applicant will make the application liable for rejection.
- 8.5 Subsequent to the above, a Request for Proposal (RFP) shall be issued to prequalified bidders based on their response to EOI.

APPLICATION FOR PREQUALIFICATION

1	Name of the Agency	
2	Address (HQ)	
3	Address (Bidding Unit)	
4	Designated Person for Communication with Job Title	
5	Address of Designated Person	
	e-mail address	
	Mobile Number	
	Landline Number	
	Fax Number	
6	<p>Pre-Qualifying Technical Requirements (Attach documents)</p> <p>One consultancy or study work should have been performed in the field of geological / geo-technical assessment for Hydrocarbon Pipeline / National Highways / Railway Line in preceding seven years prior to the application submission date.</p> <p>Self attested documentary evidence in support of above is required to be attached along with Application Form.</p>	
7*	Financial	Indicate Currency:
	Turnover in last 3 years	
	Net Worth as on 31.3.2018	
	Attach Audited Balance Sheet – last 3 years	
8	Other information demonstrating bidder's competence (attach documents)	Provide a list of key personnel with CVs

- Financial Pre-qualification requirements will be exempted for Academic and Research Institutions funded wholly or partly by Government of India.

Place:

Date:

(Authorised Signatory)

Note: Documents in other than English Language shall have self-certified English translated copies.