

OIL AND GAS REGULATORY AUTHORITY (OGRA)

REQUEST FOR EXPRESSION OF INTEREST (EOI)

SELECTION OF CONSULTANT FIRM FOR TECHNICAL EVALUATION OF PIPELINE INFRASTRUCTURE DEVELOPMENT PROJECTS FOR ADDITIONAL 1.2 BCFD LNG SUPPLIES

1. Oil & Gas Regulatory Authority (OGRA) intends to carry out design review, technical and cost evaluation of Pipeline Infrastructure Development Projects for additional 1.2 BCFD of LNG supplies submitted by gas utility companies in Pakistan. Technical evaluation shall include detailed design analysis review vis-à-vis requirement of additional looplines to meet the intended gas flow from the network. Consultant firms shall complete the assignment within 45-days from the date of agreement signed between the parties.
2. OGRA invites reputable consultant firms having minimum of **ten (10) years** experience in design, operational, technical and costing matters of natural gas sector transmission project's evaluations. Consultant firms must have professional standing in evaluating transmission projects and must own latest technology/ software tools to determine the technical prudence of additional looplines / compression requirement for the segment.
3. Interested parties/consultant(s) shall provide detailed CV(s) of member(s) of core team highlighting relevant experience.
4. Technical proposal must contain detailed approach and methodology to carry out hydraulic simulation study. The Financial Bid should contain a lumpsum figure, inclusive of all fee, charges, taxes etc.
5. The Technical Proposals shall be received till 17-08-2017 upto 11:00 AM and will be opened in the first instance for technical evaluation on same date at 11:30 AM in the presence of the bidders, or their authorized representatives, who may like to be present in the conference room of OGRA office. The financial proposals of the technically qualified/responsive firms shall be opened in the presence of the bidders for which date and time shall be communicated in advance. The financial bids should be valid for six months from date of opening of technical bids.
6. The envelopes shall be marked as "FINANCIAL PROPOSAL" and "TECHNICAL PROPOSAL" in bold and legible letters to avoid confusion; initially, only the envelope marked as "TECHNICAL PROPOSAL" will be opened;
7. OGRA reserves the right to accept or reject any or all the bid(s) without assigning any reason thereof; in the light of PPRA, Rules 2004.
8. Scope of work/TORs and evaluation criteria can be obtained from the OGRA website www.ogra.org.pk and PPRA website www.ppra.org.pk.
9. In case bid opening date is falling on a public holiday, the bid will be opened on next working day at same time.

Executive Director (Gas)

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EVALUATION CRITERIA

**EVALUATION OF EXPRESSION OF INTEREST SUBMITTED BY CONSULTANT
FIRMS TO CARRY OUT TECHNICAL EVALUATION OF
GAS PIPELINE INFRASTRUCTURE DEVELOPMENT PROJECTS FOR ADDITIONAL 1.2
BCFD CAPACITY PIPELINE UNDER LNG PROJECT-III.**

<u>Description</u>	<u>Points</u>
1.0 General Experience of the Firm:	10 Points
1.1 No. of years in business consultancy	5 Points
1.2 Areas of expertise (general experience, not specific experience)	5 Points
2.0 Specific and Relevant Experience:	40 Points
2.1 Experience as Lead firm	5 Points
2.2 Experience of work with similar agencies, and in similar conditions.	10 Points
2.3 Experience of similar assignments	25 Points
3.0 Key Staff on Permanent Basis:	20 Points
3.1 Qualification	10 Points
3.2 Experience	10 Points
4.0 Financial/Technical Strength of the Firm:	30 Points
4.1 Organizational Structure	5 Points
4.2 Methodology to handle assignments/ professional supervision	5 Points
4.3 Software/technical tools to perform simulation performance, latest version (compatible with pipe line studio/TGNET)	20 Points
TOTAL	100 Points

Note: The minimum score required to pass is: 70 points

TERMS OF REFERENCE

SELECTION OF CONSULTANT FIRM TO CARRY OUT DESIGN REVIEW AND TECHNICAL EVALUATION OF PIPELINE INFRASTRUCTURE DEVELOPMENT PROJECTS FOR ADDITIONAL 1.2 BCFD CAPACITY PIPELINE UNDER LNG PROJECT-III, FOR ASSISTING THE AUTHORITY IN DETERMINING THE PRUDENCE OF INVESTMENT / PROJECTS

1. BACKGROUND:

- a) The Government of Pakistan established the Oil & Gas Regulatory Authority (OGRA) in pursuant to the OGRA Ordinance, 2002 as a part of its policy for regulating the mid-stream and down-stream petroleum sectors of the country.
- b) To meet the energy demand, the country is now moving ahead towards import of Liquefied Natural Gas (LNG) and expected LNG receiving nodes are Gawadar/ Karachi ports. In order to take RLNG supplies into national transmission grid, both the gas utility companies plan to augment the existing network for supply of gas to the various consumption nodes on their network.
- c) OGRA intends to invite the participation of the consultant firms of related experience who shall assist the Authority (OGRA) in determining the technical viability, design analysis and prudence of investment in accordance with project implementation plan as proposed by both gas utility companies i.e. SNGPL and SSGCL.

2. OBJECTIVES:

The consultant firm will review the design plan submitted by both the utility companies; analyse, technically evaluate the segmental capacity through the application of latest and internationally proven technology / tools in the oil and gas sector and evaluate the addition/possible relocation of existing compressors etc. The consultant firm will also assist the Authority in determining the prudence of investment.

3. TASKS:

The following tasks will be required to be performed by the consultant firm while carrying out detailed evaluation of the Gas Infrastructure Development Projects:

- a- Justification/ need assessment of the Projects.
- b- Prudence in terms of design and technical features of the Projects.
- c- Prepare last three year actual gas input and ten year projected input gas supplies based on updated contractual schedules.
- d- Design analysis of project plans submitted by gas companies keeping in view optimization analysis of the existing transmission network.
- e- Analyze segmental capacities to establish available/existing capacities based on peak, average and lean gas loads in the network. Identify and provide remedial actions regarding operational constraints in the segment/network, if any.
- f- Optimization of the existing network with progressive laying of additional looplines to meet the intended gas flows in the network. Technical viability and prudence of each additional loop line will be assessed on maximum allowable operating conditions (MAOP). The consultant firm shall critically analyze the diameter of additional loop lines required and suggest alternative/technically & financially more feasible options, if any, e.g. selection of line pipes of smaller diameters, rerouting of gas pipelines and lateral pipelines etc.

- g- Detailed analysis of gas flow/pressure on the network/ hydraulic simulations etc.
- h- Performance analysis of gas compressor stations considering the existing horsepower (HP) installed and requirement of additional compressors (HP) keeping in view MAOP and any possibility of relocating the existing compressors.

4. DELIVERABLES:

The consultant firm shall submit a consolidated report with clear recommendation based on technical analysis, viability and prudence of investment being made by utility companies indicating segment wise pipelines of specified diameter, compression to be added/ relocated, allied infrastructure details and individual estimated costing alongwith overall cost.

5. EXPERT'S QUALIFICATIONS:

- a) The Consultant Firm is required to be reputable in the relevant field with at least 10 years experience of evaluation and design of transmission pipelines projects and having carried out at least two similar assignments.
- b) All consultant firms participating in the tender would be required to give detailed presentation, for technical evaluation of their bids, covering the followings:
 - Expertise in the field of technical evaluation and design analysis of pipeline projects.
 - Relevant Experience
 - Methodology to evaluate the design
 - Any other relevant information

6. TERM OF ASSIGNMENT/ DURATION:

The timeline for the assignment completion is 45 days from date of signing of the formal contract, with first draft report in 30 days (After receipt of data by Sui Companies). If desired by the Authority, the consultant will be required to give presentations on the final report.

7. PROPRIETARY RIGHTS:

All documents prepared by the consultant shall become and remain the sole property of the Authority. Consultant Firm shall not, during the term of contract or after expiration, disclose any proprietary or confidential information relating to the services, or the Authority's business or operations.

8. LOCATION:

All relevant correspondence and meetings will be convened in the office of Oil and Gas Regulatory Authority (OGRA), located at Plot No. 54-B, Fazl-e-Haq Road, Blue Area, Islamabad, Pakistan.

9. COUNTER PARTS:

Executive Director (Gas) or any other officer as nominated by the Authority from time to time shall be the counterpart during the assignment.

