

CORRIGENDUM SUBSEQUENT TO PRE-BID MEETING HELD ON 11.05.2023 VIA MS TEAMS MEETING

SUB:	EOI TO CONSULTANTS / TECHNOLOGY SOLUTION PROVIDERS FOR ASSESSMENT OF GAIL INSTALLATIONS AT VIJAIPUR (C2C3 PLANT) & CHHAINSA (COMPRESSOR STATION) FOR IMPLEMENTATION OF INDUSTRY 4.0 SOLUTIONS		
SN	Reference / Section / Page no	Existing	Read / Amend as
1a	“Extension of EOI submission Date” Page 1:	The completed Application form along with attachments in a sealed envelope super scribed with “Application for ASSESSMENT OF GAIL INSTALLATIONS AT VIJAIPUR (C2C3 PLANT) & CHHAINSA (COMPRESSOR STATION) FOR IMPLEMENTATION OF INDUSTRY 4.0 SOLUTIONS” as per Form-1 provided in Annexure-1 may be forwarded to the specified address within 25 days of publication of this EOI i.e. latest by 26.05.2023	The completed Application form along with attachments in a sealed envelope super scribed with “Application for ASSESSMENT OF GAIL INSTALLATIONS AT VIJAIPUR (C2C3 PLANT) & CHHAINSA (COMPRESSOR STATION) FOR IMPLEMENTATION OF INDUSTRY 4.0 SOLUTIONS” as per Form-1 provided in Annexure-1 may be forwarded to the specified address within 46 days of publication of this EOI i.e. latest by 16.06.2023
1b	“Extension of EOI submission Date” Page 1:	Due date & time for submission of EOI: 26.05.2023 at 16:00 hrs	Due date & time for submission of EOI: 16.06.2023 at 16:00 hrs
2	“Non-Committal EOI” Page 1	Shortlisted consultants will only be eligible to participate in the subsequent Request for Proposal (RFP) process for providing Technological Solutions & / or consultancy services during execution of the recommended initiatives.	Shortlisted consultants will be eligible to participate in the subsequent Request for Proposal (RFP) process for providing Technological Solutions & / or consultancy services during execution of the recommended initiatives. ‘Non-Committal’ EOI: As the envisaged initiatives to be selected for further implementation cannot be finalized at this stage, participation in subsequent tenders / bidding process will not be limited to the participants in EOI stage.
3a	“ELIGIBILITY:” Page 2	2. Applicant must have executed at least three (3) consultancy jobs for Industry 4.0 / Smart Digitalization solutions in Oil & Gas / Fertilizers / Petrochemical / Cement / Power / Automobiles / Manufacturing Sector of Govt./ PSE/ Listed Private companies in India or abroad within preceding five (05) years to be reckoned from EOI issue date.	2. Applicant must have executed at least three (3) jobs for Industry 4.0 Solutions / Smart Digitalization Solutions in Oil & Gas / Fertilizers / Petrochemical / Cement / Power / Automobiles / Manufacturing Sector of Govt./ PSE/ Listed Private companies in India or abroad within preceding five (05) years to be reckoned from EOI issue date.

3b	Annexure-1 “APPLICATION FOR PRE-QUALIFICATION:” Page 7	2. Applicant must have executed at least three (3) consultancy jobs for Industry 4.0 / Smart Digitalization solutions in Oil & Gas / Fertilizers / Petrochemical / Cement / Power / Automobiles / Manufacturing Sector of Govt./ PSE/ Listed Private companies in India or abroad within preceding five (05) years to be reckoned from EOI issue date.	2. Applicant must have executed at least three (3) jobs for Industry 4.0 Solutions / Smart Digitalization Solutions in Oil & Gas / Fertilizers / Petrochemical / Cement / Power / Automobiles / Manufacturing Sector of Govt./ PSE/ Listed Private companies in India or abroad within preceding five (05) years to be reckoned from EOI issue date.
4	“EOI Submission Mode” Page 1:	Through E-mail: tamaheshwari@gail.co.in;	Through E-mail: pk_gupta@gail.co.in Contact: 0120 2446400 / 4862400 Ext: 12033 tamaheshwari@gail.co.in; Contact: 0120 2446400 / 4862400 Ext: 10316
5	Section 3. “BACKGROUND” Page 3.	After identifying the best recommended initiatives for making installation Industry 4.0 compliant through the shortlisting process, GAIL will float RFP’s for engagement of Qualified Vendors / Technology Solution providers for implementation of the initiatives.	After identifying the best recommended initiatives for making installation Industry 4.0 compliant through the shortlisting process, GAIL will float RFP’s for implementation of the initiatives.
6	Section 5. “SCOPE OF WORK” Page 4.	Through this EOI, reputed consultants/ technology providers are proposed to be enlisted, who will be engaged to identify & assess gaps between the existing systems at identified locations for fulfilling Industry 4.0 requirement with the purpose of making GAIL a forerunner in Oil and Gas Sector.	Through this EOI, reputed consultants/ technology providers are proposed to identify & assess gaps between the existing systems at identified locations for fulfilling Industry 4.0 requirement with the purpose of making GAIL a forerunner in Oil and Gas Sector.
7	Section 5.1b. “CYBER SECURITY” Page 5.	Identify the different levels of cybersecurity solutions and tools deployed by GAIL in various domains & suggest additional cybersecurity measures necessary for achieving Horizontal & Vertical integration between IT & OT assets.	Identify the different levels of cybersecurity solutions and tools deployed by GAIL in various domains & suggest additional cybersecurity measures complying with leading ICS standards such as NIST, ISA/IEC 62443, NCIIPC, NERC-CIP, etc. necessary for achieving Horizontal & Vertical integration between IT & OT assets.
8	Section 5.1c. “ENTERPRISE DATA MANAGEMENT” Page 5.	Suggestions must include technologies / systems required to collect various data including real time process & event data & alarms from various OT sources at varying frequencies, systems for storage of high frequency and large datasets & Organizing the data into meaningful logical structure through Enterprise Data Modeling. The data collected from integrating different IT and OT sources like smart Sensors / FCS/ DCS/ PLC/ SCADA/ LIMS/ SAP shall be available to run various plant performance analytics & visualization tools & Role based dashboards on a common platform.	Suggestions must include technologies / systems required to collect various data including real time process & event data & alarms from various OT sources at varying frequencies, systems for storage of high frequency and large datasets & Organizing the data into meaningful logical structure through Enterprise Data Modeling. It must also include analysis for existing and latest secured communication technology practices (wireless / wired) for data transmission and identify gaps with respect to current best practices in Peer Industries. The data collected from integrating different IT and OT sources like smart Sensors / FCS/ DCS/ PLC/ SCADA/ LIMS/ SAP shall be available to run various plant performance analytics & visualization tools & Role based dashboards on a common platform.

9	Section 5.1d. “SPECIFIC USE CASES FOR DEPLOYMENT OF INDUSTRY 4.0 SOLUTIONS” Page 6.	List (Till Point 11)	12. Plant & Workforce Safety and Security
10	Section 5.2 “Deliverables for the Assessment:” Page 6	The typical deliverables for this EOI shall include but not limited to the following	The deliverables for this EOI shall include but not limited to the following
11a	Section 5.1e. “Confidentiality of Information and Data” Page 6.	Not Included.	5.1e Confidentiality of Information and Data All information obtained by bidder/ consultant / expert during the project and all information/ data / maps etc. provided by GAIL 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 for a period of 2 years after the due date of the EOI. No part of this work shall be permitted to be presented and / or published in scientific/ technical papers/ journals etc. without prior consent of GAIL in this regard. The bidder shall provide a written Confidentiality Declaration as per Annexure-2.
11b	Annexure-2 “CONFIDENTIALITY DECLARATION” New Page	Not Included.	As per Annexure-2 (Form-II) of the EOI.

Form II

CONFIDENTIALITY DECLARATION

(TO BE SUBMITTED BY APPLICANT ON ITS LETTER HEAD)

All “Confidential information” provided in writing from time to time during the course of this EOI shall be treated as confidential for a period of 2 (two) Years after the due date of this EOI.

It is hereby agreed and acknowledged that no license, either expressed or implied, is hereby granted to the Receiving Party to use any of the Confidential Information.

The disclosure of Confidential Information does not, and is not intended to represent a commitment by the Disclosing Party to enter into any business relationship with the Receiving Party or with any other entity.

The Confidential Information shall not be disclosed in whole or in part to any person other than the personnel directly engaged with the tasks assigned under this EOI; or be used in whole or in part except in connection with this EOI.

The disclosure of Confidential Information shall be kept to the minimum necessary for the purpose for which it is disclosed and shall whenever practicable and permissible in advance of such disclosure, or if this is not practicable or permissible as soon as reasonably practicable or permissible thereafter, notify the other of such disclosure and the extent and terms thereof and the identity of the person to whom disclosure was made and shall so far as practicable minimise the further disclosure of the Disclosed Information.

Exceptions: The confidentiality obligations hereunder shall not apply to Confidential Information which:

- a. is, or later becomes, public knowledge other than by breach of the provisions of this Agreement; or
- b. is in the possession of the Party with the full right to disclose prior to its receipt from the Disclosing Party, as evidenced by written records; or
- c. is independently received by the Receiving Party from a third party, with no restrictions on disclosure.

Place:

Date:

(NAME AND DESIGNATION OF AUTHORISED PERSON)

(Seal of Company)