

**NIT**

**On Open Domestic Competitive Basis**

**Ref No: GAIL/NOIDA/CP/PROJ/SOLAR/23-05**

**Date: 21.06.2023**

**To,**

**PROSPECTIVE BIDDERS**

**SUB: TENDER DOCUMENT FOR DESIGN, ENGINEERING, PROCUREMENT, SUPPLY, CONSTRUCTION, ERECTION, TESTING, COMMISSIONING, OPERATION AND MAINTENANCE OF 10MW (AC) SOLAR PHOTOVOLTAIC GRID-CONNECTED POWER PLANT AT VIJAIPUR, DIST. GUNA, MADHYA PRADESH**

**[BIDDING DOCUMENT NO.: GAIL/NOIDA/CP/PROJ/SOLAR/23-05 [TENDER ID: 2023\_GAIL\_158154\_1]**

**Dear Sir/Madam,**

1.0 **GAIL (India) Limited [having registered office at 16, Bhikaiji Cama Place, New Delhi 110066, CIN No. L40200DL1984GOI018976]**, the largest state-owned natural gas processing and distribution company and the youngest Maharatna, invites bids under single stage from eligible bidders for the subject job, in complete accordance with the following details and enclosed Tender Documents.

This tender involves setting up of 10 MW (AC) Grid Connected Ground Mounted Solar Photovoltaic Power Plant at Vijaipur, Dist. Guna, Madhya Pradesh, India, on Lum sump turnkey (LSTK) basis and thereafter comprehensive Operation & Maintenance for 5 years of the Plant, as per the Scope of Work mentioned hereinafter. The said 10 MW (AC) capacity of plant of the Project is reserved for Domestic Content Requirement (DCR), for modules used in the solar PV power plant must be made in India and latest approved list of ALMM and its amendment. A qualified bidder needs to set up the total capacity of 10 MW (AC) power plant at the designated location.

2.0 The brief details of the tender are as under:

<b>(A)</b>	<b>NAME OF JOB / BRIEF SCOPE OF WORK</b>	<ol style="list-style-type: none"><li>1. Design, Engineering, Manufacture, Supply, Storage, Civil work, Erection, Testing &amp; Commissioning of 10 MW (AC) Grid connected Ground Mounted solar PV Plant including Operation and Maintenance (O&amp;M) of the Plant for a period of 5 years at GAIL, Vijaipur (M.P).</li><li>2. Design, Procurement &amp; Supply and erection of the following, in all respect:</li><li>3. Solar panels including module mounting structures and fasteners</li></ol>
------------	--	--

		<ol style="list-style-type: none"> <li>4. All power conditioning systems including junction boxes, Inverters/ PCU, DC and AC circuit breaker(s).</li> <li>5. Supply and erection of SCADA, weather monitoring station including solar radiation sensors</li> <li>6. All associated electrical works and equipment required for interfacing line/ cable (i.e. transformer(s) – power and auxiliary, breakers, isolators, lightning arrestor(s), LT/ HT/ other panels, protection system, cables, metering, earthing of transformer etc., but not limited to) as per technical specifications.</li> <li>7. Design, supply, erection, testing &amp; commissioning 33 kV Cabling as per project requirement and associated switchgear equipment, transformer and metering equipment for connecting in to 33 kV GAIL Substation of 10 MW (AC) Solar Project, , termination work at solar plant end for 33 kV Level &amp; Termination at 33kV GAIL Substation end shall be in the scope of EPC Contractor as per technical specification and state regulations.</li> <li>8. Design and implementation of plant string level monitoring scheme with compatible software, hardware and cabling.</li> <li>9. All associated civil works, including design and Engineering, for: Earthwork for Site grading, cutting, filling, levelling &amp; compacting in requisite project land as required for development of this Ground Mounted Solar PV Power Plant.</li> <li>10. Construction of module mounting structure as per Soil Investigation Report, transformer and other power equipment foundations, cable trenches for cable routing, Lightning Arrester, Array/Plant Lighting and earthing pits.</li> <li>11. Installation of Module Cleaning System for Cleaning of Solar PV (SPV) Project Modules.</li> <li>12. Construction of Control room</li> <li>13. Construction of rain water drainage, as required</li> <li>14. Setting up of a CCTV Camera, comprehensive Fire Protection system as per the Hazardous area classification for the site.</li> <li>15. Supply of mandatory spares</li> <li>16. Demonstration of performance of the plant as per the requirement specified in the bidding documents.</li> <li>17. Comprehensive operation &amp; maintenance of the SPV plant for 5 (Five) years after successful commissioning and performance demonstration, as detailed in technical specification including supply and storage of all spare parts, consumables, repairs/ replacement of any defective equipment etc</li> </ol>
--	--	---

		18.Obtaining all associated statutory and regulatory compliances and approvals for successful construction, commissioning and operation of plant The detailed scope of work is given in Section VI: Scope of Work, specifications and Drawings of this bidding documents				
(B)	TENDER NO. & DATE	GAIL/NOIDA/CP/PROJ/SOLAR/23-05 DATED 21.06.2023 [TENDER-ID: 2023_GAIL_158154_1]				
(C)	TYPE OF BIDDING SYSTEM	<table border="1"> <tr> <td>SINGLE BID SYSTEM</td> <td></td> </tr> <tr> <td>TWO BID SYSTEM</td> <td>√</td> </tr> </table>	SINGLE BID SYSTEM		TWO BID SYSTEM	√
SINGLE BID SYSTEM						
TWO BID SYSTEM	√					
(D)	TYPE OF TENDER	<table border="1"> <tr> <td>E-TENDER</td> <td>√</td> </tr> <tr> <td>MANUAL TENDER</td> <td></td> </tr> </table> <p>E-TENDER NO: <b>2023_GAIL_158154_1</b></p>	E-TENDER	√	MANUAL TENDER	
E-TENDER	√					
MANUAL TENDER						
(E)	COMPLETION/CONTRACT PERIOD	<p><b>EPC Work:</b> 11 months for commissioning from the date of issue of FOA + 1 Month for completion of facility.</p> <p><b>O&amp;M:</b> 5 years from Performance Ratio (PR) Test run of EPC contract.</p> <p>REFER SCC AT SECTION-V FOR DETAILED COMPLETION SCHEDULE.</p>				
(F)	AVAILABILITY OF TENDER DOCUMENT ON WEBSITE(S)	<p>From 21.06.2023 to 12.07.2023 (1400 Hrs., IST) on following websites:</p> <p>(i) GAIL's Tender Website – <a href="http://www.gailtenders.in">www.gailtenders.in</a>  (ii) Govt. CPP Portal - <a href="https://eprocure.gov.in">https://eprocure.gov.in</a>  (iii) Govt. e-Procurement System of National Informatics Center (GePNIC) portal [e-tender portal]  <a href="https://etenders.gov.in/eprocure/app">https://etenders.gov.in/eprocure/app</a>  (iv) Government E-Market (GeM) Portal</p>				
(G)	BID EVALUATION CRITERIA (BEC)	<table border="1"> <tr> <td>APPLICABLE</td> <td>√</td> </tr> <tr> <td>NOT APPLICABLE</td> <td></td> </tr> </table>	APPLICABLE	√	NOT APPLICABLE	
APPLICABLE	√					
NOT APPLICABLE						

(H)	DATE, TIME & VENUE OF PRE-BID MEETING	<p>Date: 28.06.2023  Time: 1500 Hrs.  Venue: <i>Pre-bid meeting will be held through video conferencing. Necessary link for video conferencing is as under:</i></p> <p><i>Microsoft Teams meeting</i></p> <p><a href="#">Click here to join the meeting</a></p> <p>Meeting ID: 497 688 222 522  Passcode: hKPetv</p>				
(I)	DUE DATE & TIME OF BID-SUBMISSION	<p>Date: 12.07.2023  Time: up to 1400 Hrs.</p>				
(J)	DATE AND TIME OF UN-PRICED BID OPENING	<p>Date: 13.07.2023  Time: at 1500 Hrs.  Venue: <i>Bid opening will be held through video conferencing. Necessary link for video conferencing is as under:</i></p> <p><i>Microsoft Teams meeting</i></p> <p><a href="#">Click here to join the meeting</a></p> <p>Meeting ID: 498 479 485 422  Passcode: sGXGqC</p>				
(K)	CONTACT DETAILS OF TENDER DEALING OFFICER	<p>Name : Vivek Mishra, Senior Manager (C&amp;P)  Phone No. &amp; Extn : 00 91 0120 2446400, 4862400 Extn. 11731/11732  FAX No. : 0091 -1126185941  Email: <a href="mailto:kaladhar@gail.co.in">kaladhar@gail.co.in</a> ; <a href="mailto:ankit.sharma@gail.co.in">ankit.sharma@gail.co.in</a></p>				
(L)	EARNEST MONEY DEPOSIT / BID SECURITY	<table border="1" data-bbox="740 1404 1267 1559"> <tr> <td data-bbox="740 1404 1000 1480">APPLICABLE</td> <td data-bbox="1000 1404 1267 1480" style="text-align: center;">✓</td> </tr> <tr> <td data-bbox="740 1480 1000 1559">MANUAL</td> <td data-bbox="1000 1480 1267 1559"></td> </tr> </table> <p><b>Amount: INR 50.30 Lakhs (Indian Rupees Fifty Lakhs Thirty Thousand only).</b> (Refer clause no.16 of ITB)</p> <p>MSEs, Start-Ups and CPSEs (to whom exemption is allowed as per extant guidelines in vogue) are required to submit Declaration for Bid Security as per proforma at Form F-2A.</p>	APPLICABLE	✓	MANUAL	
APPLICABLE	✓					
MANUAL						
(M)	SITE VISIT	<p>Date : 26.06.2023 Time : 10:00 Hrs. (IST) onwards</p> <p>Contact Person :  1. Sh. Puneet Dave, Manager (O&amp;M), GAIL (Mobile No. : 8989062069)</p>				

		<p>2. Sh. Bhumit Vyas, Manager, GERMI (Mobile No. : 9979000091)</p> <p>3. Sh. Rakesh Patil, Dy. Manager, GERMI (Mobile No. : 9860313381)</p> <p>Address:  GAIL (India) Ltd.  GAIL Complex, Vijaipur,  Dist. GUNA, MP  Pin code 473112</p>
(N)	DEALING GAIL'S OFFICE ADDRESS	GAIL (India) Limited, 17th Floor, Jubilee Tower, Plot no. B-35/36, Sector-1, Noida- 201301, Dist. Gautam Budh Nagar, Uttar Pradesh (India)

In case of the days specified above happens to be a holiday in GAIL, the next working day shall be implied.

- 3.0 Bids must be submitted strictly in accordance with Clause No. 11 of ITB (Section-III) depending upon Type of Tender [ refer Clause no. 2.0 (D) above]. The IFB is an integral and inseparable part of the Tender Document.
- 4.0 Bid must be submitted only on <https://etenders.gov.in/eprocure/app>. Further, the following documents in addition to uploading the bid on e-tender portal shall also be submitted in Original (in physical form) within 7 (seven) days from the bid due date provided the scanned copies of the same have been uploaded in e-tender by the bidder along with e-bid within the due date and time to the address mentioned in Bidding Data Sheet(BDS) [Annexure-IV to Section-III]:-
  - i) EMD/Bid Security
  - ii) Declaration for Bid Security (F-2A), if applicable
  - iii) Power of Attorney
  - iv) Integrity Pact
  - v) Line of Credit (if applicable)
- 5.0 Bidder(s) are advised to quote strictly as per terms and conditions of the tender documents and not to stipulate any deviations/exceptions.
- 6.0 Any bidder, who meets the Bid Evaluation Criteria (BEC) and wishes to quote against this Tender Document, may download the complete Tender Document along with its amendment(s) if any from websites as mentioned at 2.0 (G) of IFB and submit their Bid complete in all respect as per terms & conditions of Tender Document on or before the Due Date & Time of Bid Submission.
- 7.0 Bid(s) received from bidders to whom tender/information regarding this Tender Document has been issued as well as offers received from the bidder(s) by downloading Tender Document from above mentioned website(s) shall be taken into consideration for evaluation & award provided that the Bidder is found responsive subject to provisions contained in Clause No. 2 of ITB (Section-III).
- 8.0 The Tender Document calls for offers on single point "Sole Bidder" responsibility basis (except where JV/Consortium bid is allowed pursuant to clause no. 3.0 of ITB) and in total compliance of Scope of Works as specified in Tender Document.
- 9.0 Any revision, clarification, corrigendum, time extension, etc. to this Tender Document

will be hosted on the above-mentioned website(s) only. Bidders are requested to visit the website regularly to keep themselves updated. In case of manual tendering, Clarification(s)/Corrigendum(s), if any, shall be sent to the prospective bidder(s) by email/post.

- 10.0 All bidders including those who are not willing to submit their bid are required to submit F-6 (Acknowledgement cum Consent letter) duly filled within 7 days from date of receipt of tender information.
- 11.0 The subject enquiry is issued on domestic basis. Hence, as per provisions of MII policy, only Class-I local supplier and Class-II local supplier (for definition, refer Policy provisions) shall be eligible to bid for this enquiry. However, Purchase Preference under (PP-MII policy) shall be applicable only to Class-I Local Supplier.**
- 12.0 SAP generated Request for Quotation (RFQ), if any shall also form an integral part of the Tender Document. Further, for all purpose the bid document no. shall be read as GAIL/NOIDA/CP/PROJ/SOLAR/23-05 [TENDER-ID: 2023\_GAIL\_158154\_1] irrespective of any reference no. mentioned elsewhere in the tender document.

This is not an Order.

For & on behalf of  
GAIL (India) Limited

Name : Kaladhar Narayan  
Designation : DGM (C&P-Projects)  
E-mail ID : kaladhar@gail.co.in  
Contact No. : 00 91 0120-2446400 / 4262400 Extn. 11732