



**OIL INDIA LIMITED**  
**(A Government of India Enterprises)**  
**4, India Exchange Place**  
**Kolkata -1**

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**FORWARDING LETTER**

Tender No & Date : **SKI 7107 P16** **DATE:18.05.2015**

Tender Fee : **Rs 1,000.00**

Bid Security Amount : **Rs 35,000.00**

Bidding Type : **SINGLE STAGE COMPOSITE BID SYSTEM**

Bid Closing on : As mentioned in the Basic Data of e-portal

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Performance Guarantee : Applicable @10 % of order value

Integrity Pact : Not Applicable

Delivery Required : **At DULIAJAN, ASSAM**

OIL invites Bids for **GAS DISTRIBUTION LINING & PURIFICATION SYSTEM WITH INSTALLATION AND COMMISSIONING as per Annexure IA** through its E-Procurement site. The bidding documents and other terms and conditions are available at Booklet No. MM/CALCUTTA/E-01/2010. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents.

The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions. The details of items tendered can be found in the Item Data and details uploaded under Technical RFx.

The tender is invited with firm price for the specified quantity. Further details of tender are given below:-

1. Details of Items with Quantity and Unit of measure are as under:

SLNO & MATERIAL CODE NO.	MATERIAL DESCRIPTION.	QUANTITY	UNIT
10 ----- OC000295	<b>GAS DISTRIBUTION LINING &amp; PURIFICATION SYSTEM</b>  <b>Details specifications and quantities are as per <u>ANNEXURE IA</u></b>	1	NO.
20	<b>Installation &amp; Commissioning</b>	1	AU

**The tender will be governed by:**

- a) "General Terms & Conditions" for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2010 for E-procurement (LCB Tenders).
- b) Technical specifications with BEC/BRC and Qty. as per **ANNEXURE IA** .
- c) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.
- d) In the event of receipt of single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company but the bidder who have already submitted the bid shall not be permitted to revise their quotation.
- e) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).
- f) Bidder are advised to fill up the Technical bid **CHECK LIST** and **RESPONSE SHEET** given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the **Technical RFX** Response.

Special Note:

- 1.0 Application showing full address / e-mail address with Tender fee (non-refundable) of ` 1000.00 per tender (excepting PSU and SSI units registered with NSIC) by Demand Draft in favour of M/s. Oil India Limited payable at Kolkata and to be sent to Head-Calcutta Branch, Oil India Limited, 4, India Exchange Place, Kolkata – 700 001. Application shall be accepted only upto one week prior to Bid Closing date. The envelope containing the application for participation should clearly indicate “REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO **SKI 7107 P16** for easy identification and timely issue of authorisation. On receipt of requisite tender fee and subject to fulfilment of eligibility criteria, USER\_ID and initial PASSWORD will be communicated to the bidder (through-e-mail) and will be allowed to participate in the tender through OIL's e-Procurement portal. No physical tender documents will be provided. USER\_ID AND INITIAL PASSWORD WILL BE ISSUED TILL ONE WEEK PRIOR TO THE BID CLOSING DATE.
- 2.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with Tender no. and Due date to **Head-Calcutta Branch, Oil India Limited, 4, India Exchange Place, Kolkata – 700 001** only on or before the Bid Closing Date and Time mentioned in the Tender.
  - a) Original Bid Security
  - b) Detailed Catalogue (if any)
  - c) Any other document required to be submitted in original as per tender requirementAll documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate
- 3.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.
- 4.0 All the Bids must be Digitally Signed using “Class 3” digital certificate (e-commerce application) with organisation name as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

- 5.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.
- 6.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.
- 7.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed Annexure-II. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/CALCUTTA/E-01/2010 for E procurement (LCB Tenders) to General Terms and Conditions for Indigenous E-Tender elsewhere, those in the BEC / BRC shall prevail.
- 8.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.
- 9.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

**NOTE:**

**1. Bidders should submit their bids explicitly mentioning compliance / non compliance to all the NIT terms and conditions.**

**2. PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office with relevant documents to issue the tender documents before the last date of sale of tender document mentioned in the tender.**

Yours Faithfully,

Sd-  
(Aparajita Gogoi)  
Sr. Purchase Officer  
For Head-Calcutta Branch





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**ANNEXURE-IA**

**Tender No& Date : SKI 7107 P16**

**DATED 18.05.2015**

**OIL INDIA LIMITED invites Indigenous tenders for items detailed below:**

**TECHNICAL SPECIFICATIONS WITH QUANTITY**

SLNO & MATERIA L CODE NO.	MATERIAL DESCRIPTION.	QUANTITY	UNIT
10 ----- 0C000295	<b>Gas distribution lining and purification system for chemical laboratories. Detail Specification is given below:-</b>	1	NO
20	<b>Installation &amp; Commissioning</b>	1	AU

**DETAIL ITEM DESCRIPTION:**

**GAS DISTRIBUTION LINING & PURIFICATION SYSTEM:**

Gas Distribution Lining and Purification System in Chemical Department are being procured to adopt a safe and up-to-date system of handling these gas cylinders outside the laboratory (to be stored at four different locations) and facilitate safe user points inside each laboratory room near the equipment wherever required. The purification is required for six (06) gases - Helium, Oxygen, Nitrogen, Hydrogen, Liquid Carbon dioxide and Air, which are used for laboratory analytical instruments viz. GCs, Fluid Eval, Sim-Distillation Apparatus etc. The gases would be purified using internationally recommended

filters, suitable traps for respective gases and would be distributed throughout the laboratory by tubing.

The schematic layout of the department as well as the tentative drawings of all concerned laboratories showing gas distribution lines with respective user points of each gas from the four different Gas Cylinder storage locations are attached for reference purpose.

**The gas purification and distribution system should have the following minimum specifications:**

**1. Gas Purification module - 2 nos.**

The Gas Purification and Controller system is needed to remove oxygen, moisture, hydrocarbons, oil and other foreign materials from gas streams. The system should eliminate noise and unaccepted signals of gases in order to obtain peak resolution and peak tailing in the analysis. The carrier gas should pass through oxygen and moisture removal filters and should pass through moisture and hydrocarbons removal filters and hydrogen should pass through moisture removal filter. All gas streams should be controlled by a constant pressures regulator, the inlet and outlet pressure being displayed on gauge.

In our PVT and Gas Lab of the Chemical Department, two numbers of high capacity gas purification modules are required for four service gases viz. Helium, Nitrogen, Hydrogen & Air. The module should be MS Epoxy powder coated, wall mountable with on-off toggle valve, pressure gages and miniature pressure regulators with locking system. Inlet & outlet connections will be 1/4" OD (make GCE or Equivalent). The Gas Purification module will have oxy-traps, moisture traps, hydrocarbon traps and filters.

**"SPECIFICATIONS FOR GAS DISTRIBUTION LINING SYSTEM (GDLS)" AND "GAS PURIFICATION SYSTEM":**

**Sl.no. -> Description -> Quantity of items required**

**A) Supply Gas Manifold & change over panel**

**1) High purity gas manifold auto change over for 2 cylinders having common outlet point for below gas (total 13 Nos):-**

- a) High purity helium gas- 2 nos
- b) High purity nitrogen gas- 4 nos
- c) High purity CO<sub>2</sub> gas- 1 nos
- d) High purity hydrogen gas- 2 nos
- e) High purity oxygen gas- 1 nos
- d) Zero air gas- 3 nos

**2) High Pressure Nitrogen manifold having outlet pressure 140 bar for 2 cylinder = 1Nos.**

- 3) Cylinder Connecting tail pipe Double Breded Stainless Steel Inner PTFE with NPTF connection 1 mtr = 29 Nos.
- 4) Extension Manifold for Nitrogen with shut of valve MOC SS Gr 316 =2 Set.
- 5) Frame for two cylinder Manifold 1+1 Made S. Steel = 7 Set.
- 6) Frame for four cylinder Manifold 2+2 Made S. Steel = 2 Set.
- 7) Cylinder Bracket With Chain Link mad from Mild Steel with corrosion resistant coating =18 Nos.
- 8) CO2 Heater = 2 Nos.
- 9) Nut Bull Nose MOC : S steel Gr 316 =28 Nos.
- 10) Check Valve 1/4" BSPT Stainless Steel Gr 316 =22 Nos.
- 11) Shut off Valve 1/4" BSPT Stainless Steel Gr 316 =8 Nos.
- 12) Flash Back Arrestor For Hydrogen & Oxygen =2 Nos.

**B) Lab Piping & Accessories :**

- 13) POR Regulator SS bar stock body with SS 316 with safety valve diaphragm for Nitrogen outlet pressure : 10 bar =20 Nos.
- 14) POR Regulator SS bar stock body with SS 316 with safety valve diaphragm for Helium outlet pressure : 10 bar =5 Nos.
- 15) POR Regulator SS bar stock body with SS 316 with safety valve diaphragm for Oxygen outlet pressure : 10 bar =1 Nos.
- 16) POR Regulator SS bar stock body with SS 316 with safety valve diaphragm for CO2 outlet pressure : 10 bar =3 Nos.
- 17) POR Regulator SS bar stock body with SS 316 with safety valve diaphragm for ZA outlet pressure : 10 bar =3 Nos.
- 18) POR Regulator SS bar stock body with SS 316 with safety valve diaphragm for Hydrogen outlet pressure : 10 bar =3 Nos.
- 19) High Pressure POR regulator for Nitrogen with inlet shut off valve MOC :  
Brass Chrome plated Outlet Pressure : 10 to 100 bar Diaphragm;  
SS steel =4 Nos.
- 20) Standard SS 316 Tee 1/2" X 1/4" X 1/2" =40 Nos.
- 21) Standard Reducer SS 316 1/2" X 1/4" =20 Nos.

**22)** GC Connector ( Compression Fittings) =72 Nos.

**23)** Nut Bull Nose & Adapter for regulator MOC : S steel Gr 316 Specially Cleaned =42 Nos.

**24)** 15 Nb Stainless Steel Gr -316 L Seamless Pipe complete by all respect For High Pressure, nitrogen = 60 RM.

**25)** 15 MM OD Tube Stainless Steel Gr -316 L Seamless Pipe Bright Finish = 300 RM.

**26)** 1/4" OD Tube Stainless Steel Gr -316 L Seamless Pipe Bright Finish = 140 RM.

**27)** Profile Powder coated = 36 Nos

**28)** Clamp set 1/2" = 216 Nos

**29)** Clamp set 1/4" = 36 Nos

**30)** Tagging = 400 Nos

**31)** Support = 90 nos

**B) ITEMS REQUIRED FOR PURIFICATION PANEL:**

**1)** High capacity gas Purification module powder coated enclosure wall mountable with on off toggle valve Pressure gauge & interlocking system inlet & outlet will be 1/4" OD For PVT Lab for gases H<sub>2</sub>, Air, He & , Liq. CO<sub>2</sub> = 1Set.

**2)** High capacity gas Purification module powder coated enclosure wall mountable with on off toggle valve Pressure gauge & interlocking system inlet & outlet will be 1/4" OD For Gas Lab for gases H<sub>2</sub>, Air, He, Liq. CO<sub>2</sub> & O<sub>2</sub> = 1Set.

**(Note: Bidder may increase or decrease the sub items quantity as per their need for completion of the job suitably to meet our NIT requirement)**

**SPECIAL TERMS AND CONDITIONS:-**

1.0 The Bidder/Supplier should provide printed original literature with respect to the claimed capabilities for Semi-Automatic Changeover Manifold Regulator Panel, traps, Manual Changeover Manifold Regulator Panel, traps, pressure gages, miniature pressure regulators, pressure regulators for cylinder connections etc. within the scope of our specifications.



2.0 The gas distribution lining system and purification system should be under warranty for 12 months from the date of commissioning.

3.0 The supplier should replace defective parts if found any, during installation or during the warranty period. This replacement should be done within a month's time at supplier's cost.

4.0 All visits including transport to and fro journey to Duliajan and accommodation at Duliajan by bidder's personnel for warranty related work shall have to be borne by the successful bidder. Warranty certificates to be provided along with the system.

### **BID REJECTION CRITERIA**

The bid must conform to the specifications and terms and conditions given in the enquiry. Bids shall be rejected, in case the item(s) offered do not conform to the required minimum/maximum parameters stipulated in the technical specifications and to the respective national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms and conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non responsive and rejected.

#### **A. TECHNICAL:**

Notwithstanding to the general conformity of the bids to the stipulated specifications and T&C, the following requirements shall have to be particularly met by the bidders without which the offer shall be considered as non-responsive and rejected

1.0 Bids shall be rejected in case the items offered do not conform to the parameters stipulated in the technical specifications and to the respective international/national standards wherever stipulated.

2.0 The bids must conform to supply Semi-automatic/Automatic Changeover Manifold Regulators as per the specifications.

3.0 The bidder must supply internationally recommended filters, suitable traps for distribution of respective gases thorough linings and for purification module.

4.0 The bidder should have experience of successfully executing similar order (commissioning of gas distribution lining) for at least 30% of estimated value of the Tender during last 3 years as on Bid Closing Date. The bidder shall submit copies of job completion report or any documentary evidence which confirms that the bidder's past supply has been successfully executed.



## **B. COMMERCIAL**

- i). **Bid security amounting to Rs 35,000.00** can be paid in three modes, viz., Bank Guarantee/DD/Online. Bid security in the form of Bank Guarantee as per format given in the LCB booklet MM/CALCUTTA/E-01/2010 of Rs35,000.00 shall be submitted manually in sealed envelope superscribed with BID SECURITY submitted manually in sealed envelope superscribed with BID SECURITY AGAINST Tender no. **SKI 7107 P16 to Head Calcutta Branch, Oil India Limited, 4 India Exchange Place, Kolkata-700001** only on or before the Bid Closing Date and Time mentioned in the Tender. **If bid security in ORIGINAL of above mentioned amount is not received within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration. In lieu, Bid Security of Rs 35,000.00 can also be paid online through our e-procurement portal.** For exemption for submission of Bid Security, please refer relevant para of General Terms and Conditions vide MM/CALCUTTA/E-01/2010 for E-Procurement LCB Tenders. **The Bid Security if submitted in the form of Bank Guarantee shall be valid for 180 days more than the Bid validity, i.e., for 300 days from the Bid Closing Date.**
- ii). The annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than Rs 34.84 lakhs.
- iii). The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.
- iv). Successful bidder will be required to furnish a **Performance Bank Guarantee @10%** of the order value. For exemption for submission of Performance Bank Guarantee, please refer relevant para of General Terms and Conditions vide MM/CALCUTTA/E-01/2010 for E-Procurement LCB Tenders. The Performance Bank Guarantee must be valid for one year from the date of successful commissioning of the equipment or 18 months from the date of despatch whichever is earlier. **Bidder must confirm the same in their bid. Offers not complying with this clause will be rejected.**
- The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.**
- v). **The Bank Guarantee should be allowed to be encashed at all branches within India.**
- vi). Bids received after the bid closing date and time will be rejected.

- vii). Validity of the bid shall be **minimum 120 days from the Bid Closing Date**. Bids with lesser validity will be rejected.
- viii). Bids containing incorrect statement will be rejected.
- ix). All the Bids must be Digitally Signed using “Class 3” digital certificate (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than “Class 3” digital certificate, will be rejected.
- x). Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

### **C) GENERAL:**

- i) The Compliance statement must be filled up by bidders and to be submitted/uploaded along with their bids. In case bidder takes exception to any clause of the bidding document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by Company. The loading so done by the company will be final and binding on the bidders. No deviation will, however, be accepted in the clauses covered under BRC.
- ii) If any of the clauses in the BRC contradicts with other clauses of bidding document elsewhere, then the clauses in the BRC shall prevail.

## **2.0 BID EVALUATION CRITERIA (BEC):**

### **A. TECHNICAL:**

The bids conforming to the technical specifications, terms and conditions stipulated in the bidding document and considered to be responsive after subjecting to Bid Rejection Criteria (BRC) will be considered for further evaluation as per the Bid Evaluation Criteria given below.

- i) In the event of computational error between unit rate and total price, the unit rate as quoted by the bidder shall prevail.
- ii) Similarly in the event of discrepancy between words and quoted figure, words will prevail.

- iii) Evaluation will be done on 'total contract cost' basis to ascertain the lowest bid.

**B. COMMERCIAL:**

- i) To evaluate the inter-se-ranking of the offers, Assam entry tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date.  
Bidders may check this with the appropriate authority while submitting their offer.
- ii) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in to must be received on or before the dead line given by the company, failing which the offer will be summarily rejected.

**Standard Notes:**

- A. The original bid security (Amount is mentioned above and also in Basic Data of the tender in OIL's e-portal) should reach us before bid closing date and time. Bid without original Bid Security will be rejected. The bidders who are exempted from submitting the Bid Bond should attach documentary evidence in the Collaboration folder as per General Terms and conditions for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2010 for E-procurement (LCB Tenders).**
- B. All the Bids must be Digitally Signed using "Class 3" digital certificate (*e-commerce application*) only as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3" digital certificate, will be liable for rejection.**
- C. "General Terms & Conditions" for e-Procurement as per Booklet NO. MM/CALCUTTA/E-01/2010 for E-procurement (LCB Tenders).**

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