



ऑयल इंडिया लिमिटेड  
( भारत सरकार का उद्यम )  
**Oil India Limited**  
(A Government of India Enterprise)

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### **INVITATION TO e-BID UNDER SINGLE STAGE TWO BID SYSTEM**

**OIL INDIA LIMITED invites electronic bids from Indian bidders under SINGLE STAGE TWO BID SYSTEM through its e-procurement site .** Few salient points of the Tender (covered in detail in the Bid Document) are highlighted below:

(i)	E-Tender No.	:	<b>SGI6355P21</b>
(ii)	Description		<b>Supply, installation&amp; commissioning , training and AMC of Slim Tube Apparatus</b>
(iii)	Type of Bidding	:	Online-Single Stage-Two Bid System
(iv)	Tender Fee	:	Not Applicable
(v)	Bid Closing Date & Time	:	As mentioned in Online E-tender portal
(vi)	Technical Bid Opening Date & Time	:	As mentioned in Online E-tender portal
(vii)	Price Bid Opening Date & Time	:	Will be intimated only to the eligible/qualified Bidders nearer the time.
(viii)	Bid Submission Mode	:	Bids must be uploaded online in OIL's E-procurement portal
(ix)	Bid Opening Place	:	Office of Office of The Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati - 781171
(x)	Bid Validity	:	120 days from date of Bid Closing
(xi)	Bid Security	:	<b>Not Required</b>
(xii)	Bid Security Declaration	:	Must be submitted as per Annexure AA1 along with Technical Bid.
(xiii)	Original Bid Security to be submitted	:	In the e-tender portal as a part of technical bid under tab "Technical Attachment"
(xiv)	Amount of Performance Security	:	3% of Total Order Value. Annexure M to be submitted as a part of Technical Bid

(xv)	Validity of Performance Security	:	3% of Total Order Value. The original Performance Security of order will be returned only after submission and verification of AMC Performance Security for 3% of total AMC value valid up to AMC period plus 3 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).
(xvi)	Quantum of Liquidated Damage for Default in Delivery	:	Refer clause No. 31 of MM/LOCAL/E-01/2005
(xvii)	Integrity Pact	:	Must be digitally signed & uploaded along with the Techno-commercial Bid. Must be digitally signed & uploaded along with the Technical Bid. ANNEXURE- XII to be submitted along with technical Bid under "Technical Attachment" Tab in the E-tender Portal
(xviii)	Bids to be addressed to	:	Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171.

**The item details against the above tender are given below:**

Sl.No	Item	Quantity	UOM
10	<b>Supply, installation&amp; commissioning , training and AMC of Slim Tube Apparatus</b>	1	NO

***The general details of tender can be viewed by opening the eRFx [Tender] under RFx and Auctions in the e-portal through Guest Login. The details of tendered items can be found in the Item Data and details uploaded under Technical RFX. The bidding document is available in the Technical RFx -> External Area -> Tender Documents.***

**The complete bid documents and details for purchasing bid documents, participation in e-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website <https://www.oil-india.com/>**

**NOTE: All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only. Bidders should regularly visit above website and e-portal to keep themselves updated.**

OIL invites Bids for **Instrument Cable & Control Cable** through its e-Procurement site under **SINGLE STAGE TWO BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. The prescribed Bid Forms for submission of bids and details of the tender documents are available in the Technical RFx -> External Area - > Tender Documents

**STANDARD NOTES**

a) **For technical support on various matters viz. Online registration of vendors, Resetting of Passwords, submission of online bids etc, vendors should contact OIL's ERP MM Deptt at following: Tel Nos = 0374-2807178, 0374-2807171 , 0374-2807192. Email id = erp\_mm@oilindia.in.**

b) **OIL's office timings are as below:**

	<b>Time (in IST)</b>
<b>Monday – Friday</b>	<b>07.00 AM to 11.30 AM; 01.00 PM to 03.30 PM</b>
<b>Saturday</b>	<b>07.00 AM to 11.00 AM</b>
<b>Sunday and Holidays</b>	<b>Closed</b>

**The tender will be governed by:**

1.0 The tender will be governed by “General Terms & Conditions for National Tender (National Competitive Bidding)” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005(For e-tenders).

2.0 This Bidding document consists of:

- (i) Annexure AA : Technical Specification and Terms & Conditions
- (ii) Annexure BB : Bid Rejection Criteria
- (iii) Annexure CC : Commercial Compliance Sheet
- (iv) Annexure DD : Price Schedule
- (v) Annexure EE : Annual Turn Over and Net Worth Certificate
- (vi) Annexure FF : Undertaking towards submission of authentic information/documents
- (vii) Annexure XII : Integrity Pact
- (viii) Annexure GG : Clause for Startup and MSE bidders.
- (ix) Annexure AA1 : Bid Security Declaration
- (x) Annexure XX : Undertaking towards a country which shares a land border with India
- (xi) Annexure M : Undertaking By Vendor On Submission Of PBG
- (xii) Annexure NN : Registration of supplier in Government E-market Place (GeM)

“General Terms & Conditions for National Tender (National Competitive Bidding)” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005(For e-tenders).

- 3.0 Bidders without having E-tender Login ID and Password should complete their online registration at least 7(seven) days prior to the scheduled bid closing date and time of the tender. For online registration, Bidder may visit the OIL's E-tender site **<https://etender.srm.oilindia.in/irj/portal>**.
- 4.0 Necessary Login ID & Password will be issued by OIL only after submitting the complete online registration by the Bidder. In the event of late registration/incomplete registration by Bidder, OIL INDIA LIMITED shall not be responsible for late allotment of User ID & Password and request for bid closing date extension on that plea shall not be entertained by Company.
- 5.0 Bidders to note that Govt. of India under Micro, Small and Medium Enterprises Development (MSMED) Act 2006, has proclaimed the Public Procurement Policy, 2012 with effect from 1st April, 2012 in respect of procurement of goods and services, produced and provided by micro and small enterprises, by its Ministries, Departments and Public Sector Undertakings for promotion and development of Micro and Small Enterprises. A new Clause on applicability of Public Procurement Policy for procurement of goods from Micro and Small Enterprises (MSE) in the tender is furnished vide Amendment to General Terms and Conditions for Global Tender (MM/GLOBAL/E-01/2005). Bidders are requested to take note of the same and to submit their offers accordingly.
- 5.1 For availing benefits of Purchase Preference under Public Procurement Policy, the interested MSE Bidders must ensure that they are the manufacturer of tendered item(s) and registered with the appropriate authority for the said item(s). The technical offer of such MSE Bidders must include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Purchase Preference of 15% (fifteen percent) shall be extended to the eligible MSE Bidder (i.e. Manufacturer of tendered goods for procurement) over non-MSE L1 Bidder and PO shall be awarded for full tender quantity on such MSE bidder, subject to matching their quoted rates/costs with non-MSE L1 Bidder.
- 5.2 **Micro or Small Enterprises (MSE) registered with District Industry Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of MSME shall submit copy of valid Registration Certificate for the items they intend to quote along with the bid. The Registration Certificate should clearly indicate the monetary limit, if any and the items for which bidder are registered with any of the aforesaid agencies. In case bidding MSE is owned by Schedule Caste or Schedule Tribe entrepreneur, valid documentary evidence issued by the agency who has registered the bidder as MSE owned by SC/ST entrepreneur/ Woman Entrepreneurs should also be enclosed. The turnover related figures of the bidders claiming as MSE bidders as mentioned above shall be considered based on Bidders self-declarations to be submitted with their bid as per new gazette notification no. CG-DL-E-26062020-220191 dated 26.06.2020. However, in case of any intentional misrepresents or attempts to suppress facts in the self-declaration, the bidder shall be liable to penalty as specified under section 27 of the Act.**
- 5.3 Bids without Bid Security Declaration shall be rejected. MSE bidder also required to submit Bid Security Declaration as per format along with technical Bid.
- 6.0 **Purchase Preference (Linked with Local Content) (PP-LC) :** Purchase Preference (Linked with Local Content) (PP-LC) is applicable against this tender. Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. FP-20013/2/2017-FP-PNG dtd.17.11.2020 and amended from time

to time. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. The bids shall be evaluated as per applicability of policy.

Bidders seeking benefits, under Purchase Preference Policy (linked with Local Content) (PP-LC) shall have to comply with all the provisions specified in **Annexure-X** and shall have to submit all undertakings / documents applicable for this policy.

- 7.0 Bidder seeking benefits of MSME and Purchase Preference Policy (Linked with Local Content) shall clearly indicate the same in the tender with proper documents as stipulated in the tender.
- 8.0 OIL INDIA LIMITED (OIL) has upgraded its E-tender Portal. As part of the new system, the intending bidder must have Encryption Certificate along with Digital Signature Certificate (DSC) of Class III [Organization]. **All the Bids must be Digitally Signed using “Class III” digital certificate (e-commerce application) with ‘Certificate Type: Organisation Certificate’ 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 with Organisation’s Name” digital certificate, will be rejected.**
- 9.0 Bidders are requested to go through **the ‘Vendor User Manual’, ‘Guidelines to Bidders for participating in OIL e-tenders’, ‘New Instruction to bidders for submission of bid’ and ‘Vendor User Manual for e-tendering’** available in the e-portal home page before submitting offer in system.
- 10.0 **Deemed export/Custom Duty benefits are not applicable against this tender and bidders should furnish prices without considering these benefits.**
- 11.0 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 **The Deputy General Manager - Materials (PL), Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati - 781171 before 14.00 Hrs. IST on the Bid Closing Date** mentioned in the Tender.
- a) Detailed Catalogue (if any).
  - b) Any other document required to be submitted in original as per tender requirement.
- All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.
- 12.0 Bidders are requested to examine all instructions, forms, terms and specifications in the tender. Failure to furnish all information required as per the tender or submission of offers not substantially responsive to the bid in every respect will be at the bidder’s risk and may result in rejection of its offer without seeking any clarifications.
- 13.0 Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.
- 14.0 Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.
- 15.0 Along with the technical bid, bidders must submit duly filled undertaking as per format provided vide **Annexure-FF** as undertaking towards submission of authentic information/documents.
- 16.0 The tender is invited under **SINGLE STAGE-TWO BID SYSTEM**. The bidder has to submit both the **“TECHNO-COMMERCIAL UNPRICED BID”** and **“PRICED BID”** through electronic form in the

OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The "Techno-commercial Unpriced Bid" shall contain all technical and commercial details except the prices which shall be kept blank. Details of prices as per Price Schedule to be uploaded as attachment in the Attachment Tab "Notes and Attachments". Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.

- 17.0 In Technical Bid opening, only Technical Rfx will be opened. Therefore, the bidder should ensure that "TECHNO-COMMERCIAL UNPRICED BID" should contain details as mentioned in the technical specifications as well as BEC/ BRC and upload the same in the Technical RFX Response-> User -> Technical Bid. No price should be given in above Technical Rfx otherwise the offer will be rejected. Please go through the help document in details before uploading the document and ensure uploading of technical bid in the Technical RFX Response-> User -> Technical Bid only. The "PRICE BID" must contain the price schedule and the bidder's commercial terms and conditions. Details of prices as per Price Schedule can be uploaded as Attachment under the attachment option under "Notes & Attachments".

Notes and Attachments

→ Only price details should be uploaded

Technical attachments

→ All technical bid documents except price details

Go to this Tab "Notes and Attachments" for Uploading "Priced Bid" files.

Go to this Tab "Technical Attachments" for Uploading "Technical Bid" files.

**Bidders are requested to go through the 'New Vendor Manual', 'Guidelines to Bidders for participating in OIL e-tenders', 'New Instruction to bidders for submission of bid' and 'Vendor User Manual for e-tendering' available in the e-portal home page before submitting offer in system.**






**Oil India Limited e-Procurement**

User ID \*   
 Password \*

Logon Problems? [Get Support](#)

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[Important Note for New Portal Users:](#)

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[General Guidelines to bidders](#)

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New Manual &  
Instruction

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- 18.0 For the convenience of the qualified Bidders and to improve transparency, the rates/costs quoted by bidders against OIL's e-tenders shall be available for online viewing by such Bidders whose price bids are opened by Company. A Bidder can view item-wise rates/costs of all other such peer bidders against the tender immediately after price bid opening, if the e-tender is floated by Company with PRICE CONDITION. In case the Price Bid is invited by Company through attachment form under "Notes & Attachments" (i.e., NO PRICE CONDITION), Bidder must upload their detailed Price-Bid as per the prescribed format under "Notes & Attachment", in addition to filling up the "Total Bid Value" Tab taking into account the cost of all individual line items and other applicable charges like freight, tax, duties, levies etc.. Under NO PRICE Condition (i.e. Price Bid in attachment form), the "Total Bid Value" as calculated & quoted by the Bidder shall only be shared amongst the eligible bidders and Company will not assume any responsibility whatsoever towards calculation errors/omissions therein, if any. Notwithstanding to sharing the "Total Bid Value" or the same is whether filled up by the Bidder or not, Company will evaluate the cost details to ascertain the inter-se-ranking of bidders strictly as per the unloaded attachment and Bid Evaluation Criteria only. Online view of prices as above shall be available to the Bidders only upto seven days from the date of Price-Bid opening of the e-tender.

The screenshot shows the 'Create RFX Response' interface. At the top, there are tabs: **Submit**, **Read Only**, **Print Preview**, **Check**, **Technical RFX Response**, and **Close**. Below these, the form displays: **RFX Response Number** 60038748, **RFX Number**, **RFX Owner** BHARALI, and **Total Value** 0.00 INR. A callout points to the **Total Value** field, stating: "Bidder to select the currency of the Response".

The form has several sections: **RFX Information** (with sub-tabs: **Basic Data**, **Questions**, **Technical Attachments**), **Items**, and **Notes and Comments**. Under **Event Parameters**, there are three main fields highlighted with red boxes and callouts:

- Currency:** A dropdown menu currently showing 'Indian Rupee'. A callout points to it: "Bidder to select the currency of the Response".
- Detailed Price Information:** A dropdown menu currently showing 'No Price'. A callout points to it: "'Total Bid Value' is mandatory in 'No Price' RFX".
- Total Bid Value:** A text input field. A callout points to it: "'Total Bid Value' considering all the taxes & duties."

Other visible fields include **Terms of Payment** with a checkbox and **Technical Attachments**.

- 19.0 Bidders are requested to examine all instructions, forms, terms and specifications in the tender. Failure to furnish all information required as per the tender or submission of offers not substantially responsive to the bid in every respect will be at the bidder's risk and may result in rejection of its offer without seeking any clarifications.
- 20.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that all documents which are to be submitted in a sealed envelope are also submitted at the address mentioned in note 12.0 above before **14:00 Hrs (IST)** on the bid closing date failing which the offer shall be rejected.
- 21.0 Other terms and conditions of the tender shall be as per "General Terms & Conditions for National Tender (National Competitive Bidding)" for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005(For e-tenders). However, if any of the clause of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) contradicts the clauses in the General Terms & Conditions of the tender and/or elsewhere, those mentioned in the BEC/BRC shall prevail.
- 22.0 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 may be summarily rejected.
- 23.0 Arbitration clause for Settlement of commercial disputes between Central Public Sector Enterprises (CPSEs) inter se and CPSE(s) and Government Department(s)/Organizations(s) - Administrative Mechanism for Resolution of CPSEs Disputes (AMRCD).

In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or difference shall be taken up by either party for resolution through AMRCD as mentioned in OPE OM No. 4(1)/2013-DPE(GM)/FTS-1835 dated 22-05-2018.

- 24.0 Bidders to note the following Addendum dated 04.12.2020 to the General Terms & Conditions of the tender pertaining to **TAX COLLECTED AT SOURCE(TCS)** and be guided



accordingly while submitting the offers:

Addendum dated 04.12.2020 to the General Terms & Conditions of tender:

New Provisions –

Tax Collectible at Source (TCS) applicable under the Income-tax Law and charged by the SUPPLIER shall also be payable by OIL along with consideration for procurement of goods/materials/equipment. If TCS is collected by the SUPPLIER, a TCS certificate in prescribed Form shall be issued by the SUPPLIER to OIL within the statutory time limit. Payment towards applicable TCS u/s 206C (1 H) of Income Tax Act.1961 will be made to the supplier provided they are claiming it in their invoice and on submission of following undertaking along with the invoice stating that:

- a. TCS is applicable on supply of goods invoiced to OIL as turnover of the supplier in previous year was more than Rs. 10 Cr. And
- b. Total supply of goods to OIL in FY ... exceeds Rs. 50 Lakh and
- c. TCS as charged in the invoice has already been deposited (duly indicating the details such as challan No. and date) or would be deposited with Exchequer on or before the due date and
- a. TCS certificate as provided in the Income Tax Act will be issued to OIL in time.

However, Performance Security deposit will be released only after the TCS certificate for the amount of tax collected, is provided to OIL. Supplier will extend the performance bank guarantee (PBG), wherever required, till the receipt of TCS certificate or else the same will be forfeited to the extent of amount of TCS. if all other conditions of Purchase order are fulfilled. The above payment condition is applicable only for release of TCS amount charged by supplier u/s 206C (1 H) of Income tax Act, 1961.

- 25.0 **RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA:** It is for information of all Bidders that Office Memorandum No. F.No.6/18/2019-PPD dated 23.07.2020 issued by Public Procurement Division under Department of Expenditure of Ministry of Finance will also be applicable against the tender. Therefore, all bidders are requested to be guided by the Clauses stipulated in the enclosed Annexure-N of this tender. In this respect, the format of Undertaking to be submitted by the bidders is given vide Annexure-XX of this tender.

- 26.0 **No press advertisement will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL's website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.**

**Sd-  
(B Bharali)  
CHIEF MANAGER MATERIALS (PL)  
FOR GENERAL MANAGER - MATERIALS (PL)  
FOR: Chief General Manager (PLS)**

**ANNEXURE – BB**

**BID REJECTION CRITERIA/BID EVALUTION CRITERIA**

**Bid Rejection Criteria & Bid Evaluation Criteria.**

**(I) BID REJECTION CRITERIA (BRC)**

The bid must conform to the specifications and terms and conditions given in the enquiry. Bid will be rejected in case the items offered do not conform to all the required technical parameters stipulated in the technical specifications and to the respective international / 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.

**BID REJECTION CRITERIA (BRC)**

**(A) TECHNICAL:**

**1.0 BIDDER'S ELIGIBILITY:**

1.1 The bidder should be an Original Equipment Manufacturer (OEM) of the tendered item (s)

OR

1.2 The bidder should be an authorized dealer/authorized distributor/authorized supplier/wholly owned subsidiary of an Original equipment manufacturer (OEM) of the tendered item(s).

**2.0 IN CASE THE BIDDER IS AN ORIGINAL EQUIPMENT MANUFACTURER (OEM):**

The bidder must comply with the following:

2.1 The bidder (OEM) should have at least 5 (five) years of manufacturing experience of tendered item ( **Slim Tube Apparatus** ) preceding to the original Bid Closing date of the tender.

2.2 In addition to above, the bidder (OEM) should have supply experience of successfully executed at least three (03) orders of (**Slim Tube Apparatus**) to various clients (other than their own subsidiaries/sister concerns), either directly by them or through their authorized dealers/distributor/supplier / subsidiaries, during last 5 (five) years preceding to the original bid closing date of the tender.

2.3 Documentary evidences to substantiate manufacturing & supply records must be submitted in the form of copies of relevant Purchase Order(s) and anyone of the following documents evidencing satisfactory execution of those Purchase Order(s), such as:

- (i) Satisfactory supply / completion / installation report (OR)
- (ii) Bill of Lading, Commercial Invoice / Payment Invoice (OR)
- (iii) Consignee receipt delivery receipt (OR)
- (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/ Vat.
- (v) Any other documents which shall prove that the bidder has successfully executed such order (s).

Note: The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.

3.0 IN CASE, THE BIDDER IS AN AUTHORIZED DEALER/ AUTHORIZED DISTRIBUTOR / AUTHORIZED SUPPLIER / WHOLLYOWNED SUBSIDIARY OF OEM:

The bidder must fulfill the flowing requirements:

3.1 The bidder's OEM (the Principal) should have at least 5 (five) years of manufacturing experience of tendered item ( **Slim Tube Apparatus** ) preceding to the original Bid Closing date of the tender

3.2 The bidder's OEM (the Principal) should have supply experience of successfully executed at least three orders of ( **Slim Tube Apparatus** ) to various clients (other than their own subsidiaries/sister concerns), either directly by them or through their authorized dealers/distributor/supplier / subsidiaries, during last 5 (five) years preceding to the original bid closing date of the tender.

3.3 Documentary evidences to substantiate manufacturing & supply records must be submitted in the form of copies of relevant Purchase Order(s) and any of the following documents evidencing satisfactory execution of those Purchase Order(s), such as:

- (i) Satisfactory supply / completion / installation report (OR)
- (ii) Bill of Lading, Commercial Invoice / Payment Invoice (OR)
- (iii) Consignee receipt delivery receipt (OR)
- (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/ Vat.
- (v) Any other documents which shall prove that the bidder has successfully executed such order (s).

**Note:**

**a) The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.**

**b) Satisfactory supply/completion/installation report (if submitted) should be issued on client's official letterhead with signature and stamp.**

3.4 The bidder shall submit valid Authorization Certificate/Letter issued by its Original Equipment Manufacturer (OEM), confirming the Bidder's status as their authorized supplier / dealer / distributor/wholly owned subsidiary (as the case may be) to sell their products with proper warranty and guarantee back -up. Such authorization certificate/ letter shall be valid for the entire period of execution of the order. Offers shall be rejected straightway, if such authority letter is not submitted along with the technical bid.

**NOTES TO BIDDER:**

a. Authorization letter must be issued on the official letter head of the OEM clearly mentioning the status of Bidder i.e., whether 'authorized dealer' or 'authorized distributor' or 'authorized supplier' or wholly owned subsidiary of Original Equipment Manufacturer (OEM), failing which the bid shall not be considered for evaluation and in that case the offer shall be rejected straightway.

b. Authorization letter issued by the OEM in any other form such as Direct Chanel Partner / Indirect Chanel Partner / Chanel Partner / seller/ Reseller/ Sub Dealer / Sub Distributor/Sister Concern shall not be considered for bid evaluation and the offer shall be rejected.

c. In case the bidder is a wholly owned subsidiary company of the parent company (OEM), in addition to the authorization letter including warranty/guarantee back-up, the bidder shall also upload/submit the documents such as board resolution / certificate of incorporation / any other legal certificate along with their offer that would establish the relation between the parent company with the subsidiary company without which the bid will not be evaluated and will be rejected straightway.

4.0 Bidders showing supply experience towards supply to its sister concern/ subsidiaries shall not be considered as experience for the purpose of meeting BRC.

5.0 Authorization letter and warranty/guarantee back-up as aforesaid must be issued to the bidder by the Original Equipment Manufacturer (OEM) in their official letter head only. Such certificates/authority letter issued by a party other than the OEM shall not be considered as valid authorization letter and in such case the bid shall be rejected without any further reference.

6.0 Unsolicited bids shall be straightway rejected.

7.0 Bidder/OEM must submit an undertaking along with the Technical Bid that their offered equipment is not going to become obsolete during the next 5 (five) years from the date of successful installation & Commissioning, if order is awarded on them by OIL and must guarantee uninterrupted supply of spares and availability of services for at least for ten (10) years with effect from the successful installation & Commissioning of the equipment, without which offer will not be considered for evaluation/placement of order.

8.0 DELIVERY PERIOD: Delivery and Installation & Commissioning shall be completed within 07 (**seven**) **months** from the date of receipt of firm Purchase Order. Bidder to confirm the same in their bid. The bidder should categorically confirm in their technical bid that the tendered items will be supplied within the delivery period, without which the bid will be rejected.

#### 9.0 GENERAL:

9.1 In case Bidder takes exception to any clause of Tender 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 the 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 BEC/BRC.

9.2 Any exceptions/deviations to tender must be spelt out/discussed by Bidder in the Pre Bid Meeting which will be organized at Pipeline Head Quarter, Guwahati. Any additional information/terms/conditions furnished in 'Price Bid' will not be considered by Company for evaluation/award of contract.

#### (B) FINANCIAL:

1.0 Annual Financial Turnover of the bidder during any of preceding three financial/accounting years from the original bid closing date should be at least **INR 1,76,00,000.00**

2.0 Net Worth of the bidder should be positive for the financial/accounting year just preceding to the original Bid Closing Date of the Tender .

3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial/accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial/accounting year are not available with the bidder, then the financial turnover of the previous three financial/accounting years excluding the preceding financial/accounting year will be considered. In such cases, the Net worth of the previous financial/accounting year excluding the preceding financial/accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that the balance sheet/Financial Statements for previous financial year has actually not been audited so far.

Notes:

a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid: -

i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in ANNEXURE EE.

OR

ii) Audited Balance Sheet along with Profit & Loss account.

b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.

(A) COMMERCIAL

1.0 Bids are invited under **SINGLE STAGE TWO BID SYSTEM**. Bidders shall quote accordingly. **Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid.** The “Unpriced Bid” shall contain all techno-commercial details except the prices, which shall be kept blank. The “Price Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bidder not complying with above submission procedure will be rejected. Bids shall be submitted under single stage Two Bid System i.e. Technical Bid and Priced Bid separately in the OIL’s e-Tender portal. The Technical Bid is to be uploaded as per Scope of Work & Technical Specification of the tender in “Technical Attachments” Tab and Priced Bid uploaded in the “Notes & Attachments” Tab. Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two-bid system shall be rejected outright.

2.0 Bid security/EMD is not required against the tender. However, **Bid Security Declaration** is required and same must be submitted along with technical bid. The Bid Security Declaration format is attached vide Annexure AA1. Any bid not accompanied with Bid Security Declaration (As per Format) will be rejected without any further consideration.

3.0 Warranty shall be as per point no. 9.0 of Annexure-AA. Bidder to confirm acceptance of the same in their bid.

4.0 MSME Bidders are also required to furnish the Bid Security Declaration as per format.

5.0 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.



**6.0 Validity of the bid shall be minimum 120 days from the final Bid Closing date. Bids with lesser validity will be rejected.**

7.0 All the Bids must be Digitally Signed using Class III digital certificate (e-commerce application) with 'Certificate Type: **Organization Certificate**' 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" and "Organization" digital certificate, will be rejected.

8.0 Successful bidder will be required to furnish a **Performance Bank Guarantee @3%** of the order value. The Performance Security specified above must be valid for 3(three) months beyond the Warranty period indicated in the Purchase Order/contract agreement [Please refer General Terms & Conditions for National Tenders (National Competitive Bidding), Booklet No. MM/LOCAL/E-01/2005 (For E-tenders)]. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

9.0 Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

10.0 Bids containing incorrect statement will be rejected.

11.0 No offers should be sent by Telex, Cable, E-mail or Fax. Such offers will not be accepted.

12.0 The following points are deemed as "non-negotiable" and offer shall be rejected straightaway without seeking clarification:

- i. Validity of bid shorter than validity indicated in the tender.
- ii. Original Bid Security not received within the stipulated date and time mentioned in the tender.
- iii. Bid security with (a) Validity shorter than the validity indicated in tender and/or (b) Bid security amount lesser than the amount indicated in the tender.
- iv. In case the party refuses to sign Integrity Pact.

13.0 Bidder must accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:

- i. Performance Security Clause
- (i) Liquidated Damages (Note: In case of deduction of LD, LD amount will be deducted along with applicable rate of GST) Refer to "General Terms & Conditions" for e-Procurement as per Booklet No. . MM/LOCAL/E-01/2005 for E-procurement
- ii. Guarantee of material
- iii. Arbitration / Resolution of Dispute
- iv. Force Majeure
- v. Applicable Laws

14.0 DELIVERY AND INSTALLATION LOCATION: Centre of Excellence for Energy Studies,Guwahati

15.0 PRICE SCHEDULE:

Bidder shall submit the Price Break up as per Annexure DD. Bidders should fill up the annexures, sign and upload under "Notes & Attachments" > "Attachments" only. Evaluation of offers shall be done on F.O.R. Destination basis.

15.1 The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:

1. Basic Material Value including TPI, if any
2. Pre-despatch Inspection Charges, if any
3. Packing & Forwarding Charges, if any
- 4. Total Ex-works Value (1+2+3)**
5. GST on Total Ex-Works Value (4)
6. Compensatory Cess, if any
- 7. Total FOR Despatching Station Value (4+5+6)**
8. Freight Charges upto destination (*Guwahati, Assam*)
9. GST on Freight Charges (8)
10. Insurance Charges @0.5% of (7) inclusive of GST
11. Installation & Commissioning Charges
12. GST on Installation & Commissioning Charges
13. AMC Charges (1st year, 2nd year and 3rd year to be shown separately)
- 14. Total GST on AMC Charges**
- 15. Total Value (7+8+9+10+11+12+13+14)**

**15.2 Comparison of offers shall be done on Total Value vide Srl. No. 15 . Evaluation will be done on total cost basis for both the item as per Price Schedule (Annexure-DD)**

15.3 Domestic bidders must quote inland freight charges upto Destination. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.

15.4 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

15.5 Price bids of only those bidders will be opened whose offers are found to be techno-commercially acceptable.

15.6 Purchase Preference (Linked with Local Content) (PP-LC) is applicable against this tender. Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. FP-20013/2/2017-FP-PNG dtd.17.11.2020 and amended from time to time. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. The bids shall be evaluated as per applicability of policy.

16. The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure XII of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid. The name of the OIL's Independent External Monitors at present are as under:

a. Shri Sutanu Behuria, IAS (Retd.),  
E-mail: sutanu2911@gmail.com

b. Shri Rudhra Gangadharan, IAS (Retd.); Ex-Secretary,  
Ministry of Agriculture  
E-mail id: rudhra.gangadharan@gmail.com

c. Shri Om Prakash Singh, IPS (Retd.),  
  
Former DGP, Uttar Pradesh  
  
E-mail: Ops2020@rediffmail.com

**17. No press advertisement will be published regarding amendment to Bidding Document or extension of Bid Closing Date. The same will be uploaded in OIL's website and informed to all prospective bidders who have received the bidding documents. Bidders to keep themselves updated.**

18. Other terms and conditions of the enquiry shall be as per General Terms and Conditions for LCB Tender. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BEC/BRC) mentioned here contradict the Clauses in the General Terms & Conditions of LCB Tender of the tender and/or elsewhere, those mentioned in this BEC/BRC shall prevail.

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**(Technical Specification as per Annexure – AA)**

**TECHNICAL SPECIFICATION:****Supply, installation& commissioning , training and AMC of Slim Tube Apparatus**

Sl.No	Item	Quantity	UOM
10	<b>Slim Tube Apparatus</b>  <b>Slim Tube Apparatus:</b>  <b>Supply, installation&amp; commissioning , training and AMC of Slim Tube Apparatus</b>	1	NO

Item Description: Slim Tube Apparatus

## 1.0 General Features:

The Slim Tube Apparatus should be fully capable of performing dynamic miscibility tests studies at reservoir conditions of temperature and pressure. Specifically, the miscibility tests should allow the evaluation of:

- The minimum miscibility pressure(MMP),
- The minimum miscibility composition(MMC),
- The optimization of injection parameters and composition of lean and enriched gas
- The determination of oil in place recovery
- The assessment of experimental condition sensitivity on recovery.

For carrying out the miscibility tests, the gas to be tested is injected at a desired pressure through the slim tube which is previously cleaned and saturated with oil by means of a high pressure pump. The effluents flowing from the slim tube can be observed through a visualization window. They are then expanded to atmospheric pressure and temperature through a back pressure regulator which maintains a constant system outlet pressure. The effluent liquid volumes are continuously monitored using a digital volume measuring detector whereas the produced gas is measured by a wet gas meter. The recovery curve is then plotted using the raw data obtained during the different miscible displacement experiments.

## 2.0 Scope of Supply

The Slim Tube Apparatus should be a modular equipment and cover all the requirements as per the specifications and include all consumables for at least 2(two) years of smooth operations for running the equipment efficiently.

The standard apparatus must include the following units:

- i. Floating piston accumulators: 3 sets
- ii. Injection Pump: 1 set
- iii. Slim tube: 1 set
- iv. Controlled temperature air bath: 1 set
- v. Automated Back-Pressure Regulator(BPR) system with Back Pressure Pump: 1 set
- vi. Liquid Measurement System: 1 set
- vii. Gas Metering System: 1 set
- viii. Phase transition visualization cell: 1 set
- ix. Vacuum pump: 1 set
- x. Valves, tubing and seals: 1 set
- xi. Data Acquisition and interpretation facility: 1 set

### 3.0 Detailed specifications

The units mentioned in Sl. No. 2.0 must conform to the following specifications

#### 3.1 Floating Piston Accumulators (FPA)

The Floating Piston Accumulators (one each for oil, gas and solvent) must be equipped with isolation valves and include the following features

- i. Capacity : 700 ml to 1000 ml
- ii. Max pressure: 10,000 psi
- iii. Max temperature: 150 °C
- iv. Wetted material: Stainless steel
- v. Seal material: Viton. However, the seal material should be Aflas for the FPA for gas.

#### 3.2 Injection pump

It should be a dual pump system capable of injecting hydraulic driving fluid into the accumulators at selected flow rates.

Specifications:

- i. Working pressure: Upto 10,000 psi
- ii. Volume: 2 x 500 cc



- iii. Wetted parts: Stainless Steel
- iv. Pressure accuracy: 0.1 % full scale
- v. Flow rate: 0.0001 to 50 cc/min

### 3.3 Slim tube

The standard coil provided with the apparatus must be filled with calibrated silica.

Specifications:

- i. Tube length: At least 60 ft
- ii. Tube external diameter: 1/4 " (6.35 mm)
- iii. Tube internal diameter: 3.5 – 4 mm
- iv. Wetted material: Stainless Steel
- v. Porous media: Calibrated 230 – 310  $\mu\text{m}$  silica
- vi. Porosity: 30% to 35%
- vii. Pore volume: 80 to 150 cc
- viii. Permeability: < 20 darcies
- ix. Max pore pressure: 10,000 psi
- x. Working temperature: Up to 150°C
- xi. Fluids: Live oil, HC gas, CO<sub>2</sub>, solvent

### 3.4 Controlled temperature Air Bath

The stainless steel air bath must come equipped with a digital temperature regulator.

Specifications:

- i. Temperature: Ambient to 150°C
- ii. Accuracy: At least 0.5°C
- iii. Internal walls material: Stainless Steel
- iv. External walls material: Painted steel

### 3.5 Automated Back-Pressure Regulator(BPR) system with Back Pressure Pump

The back-pressure regulator generates and maintains a specified downstream pressure on the slim tube and the system is equipped with a Back Pressure Pump which provides constant gas dome pressure to the regulator.

Specifications:

- i. Working pressure range: Up to 10,000 psi
- ii. Maximum working temperature: 150°C
- iii. Wetted parts material: Stainless steel

### 3.6 Liquid Measurement System

This system collects the effluent in a measurement chamber made of glass which is housed inside an oven which is maintained at minimum 50°C to prevent the oil from solidifying.

Specifications:

- i. Volume of the measuring chamber: Minimum 200 cc
- ii. Temperature of the oven: Ambient to 50°C
- iii. The liquid level in the measurement chamber must be detected by a digital volume measuring detector

### 3.7 Gas Metering System

The wet gas meter should allow precise measurements of produced gas at ambient conditions. The meter should be equipped with thermometer, spirit level, levelling feet and gas connections

Specifications:

- i. Maximum capacity: 99,999 litre
- ii. Flow range: 30 to 90 litre per hour +/- 0.5%
- iii. Scale: 0.001 dm<sup>3</sup>
- iv. Maximum pressure: 65 mbar

### 3.8 Phase transition visualization cell

The Phase transition visualization cell, located at the slim tube outlet should provide a transparent window for visualization and direct monitoring of the phase behavior of the effluent fluids. A high resolution camera for image capturing must also be provided with the system to continuously survey and detect phase changes during the test. The images

recorded must be enabled to be viewed on the data acquisition PC. The system should also comprise of a back lighting system and interpretation software loaded on the computer.

Specifications:

- i. Operable pressure range: 0– 10,000 psi
- ii. Maximum temperature: 150 °C
- iii. Wetted parts: SS, sapphire, viton
- iv. CDD colour camera: 795 x 596 pixels or higher
- v. Lighting: 150 watts

### 3.9 Vacuum pump

Double stage rotary pump to generate a vacuum. It should have a flow rate of 2.5 m<sup>3</sup>/h and pressure upto 10<sup>-3</sup> mbar.

### 3.10 Valves, tubing and seals

All wetted parts including valves, tubing lines, Tees, connectors etc. must be in Stainless Steel. Aflas seals to be used for any part which comes into contact with gas. For other cases, Viton seals to be used. The system shall include automatic valves controlled by the computer station.

### 3.11 Data Acquisition and interpretation facility

A state of the art computer facility with interface for recording/logging the experimental data during the studies to be provided.

Specifications:

- i. Branded PC with latest windows operating system and color Laser printer fully compatible with the software installed for measuring all the important parameters and interpreting the recorded data.
- ii. Software for data acquisition, supervision and reporting facilities: Capable of acquisition of raw data measurements such as temperature, pressure, differential pressure, volume and flow rate.
- iii. Continuous display of measurements vs. time in the form of trends and value grids
- iv. Measurement logging in the computer for further compilations.
- v. Printout facilities
- vi. Supervision facilities displaying the general synoptic of the system and indicating the status of each main component, the values of the measurement and set points.

vii. Computer-controlled fault diagnoses

viii. Monitoring facilities.

ix. Operational Control and Safety Device:

a. All temperature and pressure controls should be displayed and have built in safety system.

b. Pressure and Temperature controllers to be provided with computer interface for continuous data logging/accumulation.

#### 4.0 Power Supply requirements

230 ± 10% volts, 50 hz single phase AC

#### 5.0 Consumables

The bidder should quote the following consumables for smooth and trouble free operation of the equipment

i. 5 nos. of seal kit for injection pump

ii. 5 nos. of seal kit for BPR pump

iii. 5 nos. of seal kits for BPR

iv. 15 nos. of seal kits for accumulators

v. 2 meters of 1/8" tube

vi. 10 nos. of Ferrules

vii. 10 nos. 1/8" glands

Any other consumable required for smooth running of the equipment for at least 2 years to be quoted by the bidder.

#### 6.0 Maintenance requirement

A maintenance kit comprising of all the tools relevant for usage and repair/maintenance of the equipment has to be provided.

#### 7.0 Essential Accessories

All the necessary accessories e.g. software/ hardware required for smooth and complete functioning of the unit have to be included in the quote.

#### 8.0 Reliability and Performance Requirements

i. The life expectancy of the major components of the system should be at least for 10 years.

ii. Product/service support along with uninterrupted and timely supply of spare parts for at least 10 years for the quoted model must be specifically ensured by the bidders/representatives.

## 9.0 Warranty & Guarantee

The complete instrument and computer/printer should be under warranty for a period of one year from the date of installation. In case of breakdown during the warranty period, a competent service engineer of the supplier should make as many visits as are necessary to rectify the instrument. The supplier should provide any spares required for making the instrument operational.

## 10.0 Installation & Commissioning

(i) The supplier will be responsible for on-site installation and commissioning of equipment at customer's premises viz. Centre of Excellence for Energy Studies, Oil India Limited, Guwahati, within one month from the date of intimation given to him or his representative regarding readiness of the equipment for installation at the site.

(ii) Pre shipment inspection: Pre shipment inspection shall be carried out by OIL's representative at manufacturer's site. The supplier shall inform OIL at least 2 (two) months ahead for such inspection to enable OIL to send its inspectors. The supplier has to arrange for 2 (two) OIL engineers for inspection and training for a working week. OIL will bear the expenses towards traveling and accommodation etc. of the OIL's inspection team. The Inspection cum Acceptance process would include the following minimum steps/tasks but not limited to:

- a. Verification of all material test certificates.
- b. Physical verification/ inspection of all the items/ fittings/ accessories including all Parts Catalogue, Maintenance & Service Manuals together with Operational testing of the equipment. During inspection/ verification, if any faults/ defects on part(s)/ equipment(s)/ accessories have found, supplier have to replace the faulty/ defective items and rectify the same at no extra cost to OIL.
- c. Supplier shall have to take note of any minor modification(s) for operational requirement suggested by the inspector and comply with the same at no extra cost to OIL.
- d. The inspection report would be prepared at the end of the inspection and jointly signed by both the parties.
- e. Supplier will confirm in writing compliance of all the points raised in the inspection report.
- f. Supplier will affect dispatch of the unit only on receipt of OIL's dispatch advice.
- g. During the pre-dispatch inspection visit of OIL's engineers, the supplier shall arrange comprehensive training at their manufacturing plant/ works for a period of minimum 01 (one) week on operation & maintenance, troubleshooting and working principle of the system/ item used in the unit.

(iii) It may be noted that a representative from OEM should visit CoEES, Guwahati during installation/commissioning of the equipment. Bidder shall arrange for to & fro travel to the

installation site, local conveyance and boarding & lodging during the installation. All charges shall be borne by the bidder and should be quoted separately which shall be inclusive of GST and all other taxes including Income Tax/Corporate Tax/ Personal Tax shall be deducted at source.

(iv) A certificate will be issued by the authorized representative of OIL regarding satisfactory installation and commissioning of the equipment and about the system acquaintance by way of work association by the supplier.

## 11.0 Training

A group (around 5) of scientific staff of OIL should be trained in the operation of the software, the instrument and routine maintenance of the instrument at site for 5 working days by Application Specialist of OEM after the installation is over.

OIL may also depute its scientific staff for training on the operation and maintenance of the instrument at OEM's factory. Provision should be kept to provide free of cost training to two persons for five days or one person for ten days at OEM's factory. However, to and fro and board and lodging for OIL's staff will be borne by OIL.

## 12.0 General

The original equipment manufacturer (OEM) should confirm in writing that the spares for the quoted model will be available for a period of ten years after installation of the instrument. In case the OEM is bidding through an Indian agent, the OEM should give a written undertaking that they will be responsible for providing the warranty and annual maintenance as per the clauses above, even if there is a change in the Indian agency of the manufacturer. The undertaking from OEM should also include that, if in future, OEM does not have any Indian agency, the service will be provided directly by the service engineer of the OEM without any extra charge. Printed documents in support of claimed specification should be provided. System should be upgradeable at site for future applications.

## 13.0 DOCUMENTATION:

All the documents are to be provided in English language.

At the time of offer

- (i) Literature in support of the offered equipment: 2 sets.
- (ii) List of users worldwide to whom the equipment was sold during the last five years.

Required undertaking from Manufacturer

- (i) Manufacturer's Certificate: Document evidence such as POs along with invoice / installation report for manufactured and supplied at least 03 units during the last 05 years.



At the time of supply.

- (i) Certificate of recent manufacture
- (ii) Certificate of Warranty
- (iii) Certificate of test and inspection with Third Party.
- (iv) Operation manual: 2 sets on CD/DVD ROM.
- (v) Repair and maintenance manual with all the electric/electronic circuit diagrams: 2 sets
- (vi) Parts catalogue: 2 sets.
- (vii) Trouble shooting manual with detail blocks diagram and circuit diagram of cards up to component level.

#### 14.0 CONFORMITY TO TENDER SPECIFICATIONS:

14.1 The bidder must fill the Technical Datasheet enclosed with the offer (Annexure –CC1)

14.2 The technical specifications must conform to the requirements as mentioned in Specifications.

14.3 The bidder must confirm that the offered unit/goods are newly manufactured.

14.4 The bidder offering other than the specified make of the equipment will be rejected.

14.5 For any bought out item their Catalogue/Technical literature etc. showing sectional drawing of each component along with the necessary maintenance spare parts, identification number etc. shall be provided.

14.6 The bids and the accompanied technical documentation must be in English language only. The bids other than English language must have an English version.

14.7 The technical documents to be submitted along with the bid shall include -

- a) Literature with detailed specifications, Make & Model of items.
- b) Technical documents & Layout/Process flow diagram of the whole system.
- c) Piping & Instrumentation Diagram (P&ID) for Instrumentation and Control System

14.8 The bidder shall quote separately Installation/commissioning cost, if any.

14.9 The bidder must confirm that the offered Slim tube apparatus shall perform at the desired level as mentioned in the specifications.

14.10 Bidder's response to all tender stipulations should clearly be defined. Bidder shall furnish specific details/specifications of all major components, systems with Make & Model, etc. Generalized response like "As per NIT Specifications/Technical Leaflet", "Noted", "and Accepted" or in any similar fashion is not acceptable.

14.11 The supplier should also submit a list of companies to whom similar systems have been sold and are presently in operation.

NOTE: ALL THE POINTS FROM 1.0 TO 14.0 HAVE TO BE SUPPORTED BY LITERATURE OR CLEARLY STATED ALONG WITH CATALOGUE/ LITERATURE OF THE PRODUCT FOR EVALUATION OF THE BID.

### **Special Terms & Condition:**

#### **1.0 TECHNICAL TERMS & CONDITIONS:**

##### **1.1 THREE YEARS AMC OF SLIM TUBE APPARATUS**

OIL may decide to go for a non comprehensive Annual Maintenance Contract for a period of three years after the warranty period is over. Charges for the Annual Maintenance Contract (AMC) for three years, after the warranty period is over, should be quoted with year-wise break up. These charges will be used for evaluation purposes only. The AMC requirements are mentioned below. However, the detailed and final scope for the AMC shall be as per contract of AMC at the time of awarding AMC contract.

##### **1.2 SPECIAL TERMS & CONDITIONS:**

1.2.1 The AMC shall come into effect after warranty period of the equipment.

1.2.2 The service contract will remain in force for three years w.e.f. date of acceptance of AMC contract.

1.2.3 The job will be certified by HoD, CoEES, OIL India Ltd

1.2.4 The payment will be released after each preventive maintenance visit on the instrument. It shall be certified and verified for the payment by HoD, CoEES, OIL on each of the bill copy.

1.2.5 OIL will not provide any accommodation or to and fro fare to the engineer deputed for preventive and breakdown maintenance.

1.2.6 The service agency will always depute trained service engineers with necessary tools and kits for servicing of instruments.

1.2.7 The bill should be submitted in triplicate in favour of HoD, CoEES, OIL India Ltd, Guwahati, Assam

##### **1.2.8 Non Performance Deductions (NPD):**

(i) If Preventive Maintenance is not carried out by the CONTRACTOR within the time schedule as agreed through mutual consent, the NPD shall be made for amount equivalent to 10% of the Annual contract value.

(ii) In case of the Breakdown Maintenance/Repair, contractor's service engineer has to report within one week from the time of sending Phone / Fax / Email to the contractor. In case of failure to report within the stipulated time, NPD shall be made @  $\frac{1}{2}$  % of contract value per

week or part thereof for delay in reporting, subject to a ceiling of 7.5% of total one-year contract price.

### 1.3 COMMITMENTS OF THE SPARES

1.3.1 The bidders must submit a written undertaking that they would be able to supply all the requisite spares and consumables for a minimum period of 10 (ten) years from the Certified date of completion/successful field commissioning of the unit.

1.3.2 The bidders must provide the commissioning spares at their cost along with the Equipment. They must submit a list of such spares.

1.3.3 Spares list for whole unit for 3-years trouble free operation must be quoted in their bids. The spare list shall contain the details of part nos., name, OEM and other details as may be necessary for procurement of the parts quoted. While quoting for these spares the bidders must take in to account the consumption pattern of the spares as deemed fit. However, the same will be not considered for bid evaluation. OIL reserves the right to decide to procure the whole of the quoted spares or part thereof. It is to be noted that the price quoted shall remain firm during this 3(Three)years period.

### 1.4 TECHNICAL CHECK LIST (Annexure CC)

The enclosed technical checklist (supplied in Hard Format) must be completed and returned with bidder's offer. Bidders must ensure that all these points are covered in the offer. Bidders to tick mark in 'Comply' or 'Not Comply' column against each point mentioned and mention the details if not comply.

1.5 Performance Security @03 % of the order value. The original Performance Security of order will be returned only after submission and verification of AMC Performance Security for 03% of total AMC value valid up to AMC period plus 3 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).

## **ANNEXURE – CC**

### **TECHNICAL DATA SHEET**

The check list must be completed and submitted with your offer. Please ensure that all these points are covered in your offer. These will ensure that your offer is properly evaluated. Please mark 'Yes' or 'No' and specify relevant page no. of your bid document where detail or compliance has been confirmed.

S/NO.	PARTICULARS	COMPLIED/NOT COMPLIED	REMARKS /PAGE NO. IN BID/ REFERENCE OF DOCUMENT IN BID
1.0	<b>TECHNICAL SPECIFICATIONS</b>		
	<u>Floating Piston Accumulators (FPA)</u>		
1.1	<u>Floating Piston Accumulators (FPA) :</u> The Floating Piston Accumulators (one each for oil, gas and solvent) must be equipped with isolation valves and include the following features		
1.1.1	Capacity :700 ml to 1000 ml		
1.1.2	Max pressure:10,000 psi		
1.1.3	Max temperature:150 °C		

1.1.4	Wetted material: Stainless steel		
1.1.5	Seal material: Viton. However, the seal material should be Aflas for the FPA for gas.		
	<u>Injection pump</u>		
1.2	<u>Injection pump:</u> It should be a dual pump system capable of injecting hydraulic driving fluid into the accumulators at selected flow rates.		
1.2.1	Working pressure: Up to 10,000 psi		
1.2.2	Volume: 2 * 500 cc		
1.2.3	Wetted parts: Stainless Steel		
1.2.4	Pressure accuracy: 0.1 % full scale		
1.2.5	Flow rate: 0.0001 to 50 cc/min		
	<u>Slim tube</u>		
1.3	<u>Slim tube:</u> The standard coil provided with the apparatus must be filled with calibrated silica		
1.3.1	Tube length: At least 60 ft		
1.3.2	Tube external diameter: 1/4" (6.35 mm)		
1.3.3	Tube internal diameter: 3.5 – 4 mm		
1.3.4	Wetted material: Stainless Steel		
1.3.5	Porous media: Calibrated 230 – 310 $\mu$ m silica		
1.3.6	Porosity: 30% to 35%		
1.3.7	Pore volume: 80 to 150 cc		
1.3.8	Permeability: < 20 darcies		
1.3.9	Max pore pressure: 10,000 psi		
1.3.10	Working temperature: Up to 150°C		
1.3.11	Fluids: Live oil, HC gas, CO <sub>2</sub> , solvent		
	<u>Controlled temperature Air Bath</u>		
1.4	<u>Controlled temperature Air Bath:</u> The stainless steel air bath must come equipped with a digital temperature regulator		
1.4.1	Temperature: Ambient to 150°C		
1.4.2	Accuracy: At least 0.5°C		
1.4.3	Internal walls material: Stainless Steel		
1.4.4	External walls material: Painted steel		
	<u>Automated Back-Pressure Regulator (BPR) system with Back Pressure Pump</u>		
1.5	<u>Automated Back-Pressure Regulator (BPR) system with Back Pressure Pump:</u> The back-pressure regulator generates and maintains a specified downstream pressure on the slim tube and the system is equipped with a Back Pressure Pump which provides constant gas dome pressure to the regulator.		
1.5.1	Working pressure range: Up to 10,000 psi		
1.5.2	Maximum working temperature: 150°C		
1.5.3	Wetted parts material: Stainless steel		
	<u>Liquid Measurement System</u>		
1.6	<u>Liquid Measurement System:</u>		

	This system collects the effluent in a measurement chamber made of glass which is housed inside an oven which is maintained at minimum 50°C to prevent the oil from solidifying		
1.6.1	Volume of the measuring chamber: minimum 200 cc		
1.6.2	Temperature of the oven: Ambient to 50°C		
1.6.3	The liquid level in the measurement chamber must be detected by a digital volume measuring detector		
<u>Gas Metering System</u>			
1.7	<u>Gas Metering System:</u> The wet gas meter should allow precise measurements of produced gas at ambient conditions. The meter should be equipped with thermometer, spirit level, levelling feet and gas connections		
1.7.1	Maximum capacity: 99,999 litre		
1.7.2	Flow range: 30 to 90 liter per hour +/- 0.5%		
1.7.3	Scale: 0.001 dm <sup>3</sup>		
1.7.4	Maximum pressure: 65 mbar		
<u>Phase transition visualization cell</u>			
1.8	<u>Phase transition visualization cell:</u> The Phase transition visualization cell, located at the slim tube outlet should provide a transparent window for visualization and direct monitoring of the phase behavior of the effluent fluids. A high resolution camera for image capturing must also be provided with the system to continuously survey and detect phase changes during the test. The images recorded must be enabled to be viewed on the data acquisition PC. The system should also comprise of a back lighting system and interpretation software loaded on the computer.		
1.8.1	Operable pressure range: 0– 10,000 psi		
1.8.2	Maximum temperature: 150 °C		
1.8.3	Wetted parts: SS, sapphire, viton		
1.8.4	CDD colour camera: 795 x 596 pixels or higher		
1.8.5	Lighting: 150 watts		
<u>Vacuum pump</u>			
1.9	<u>Vacuum pump:</u> Double stage rotary pump to generate a vacuum. Flow rate of 2.5 m <sup>3</sup> /h and pressure upto 10 <sup>-3</sup> mbar.		
<u>Valves, tubing and seals</u>			
1.10	<u>Valves, tubing and seals:</u> All wetted parts including valves, tubing lines, Tees, connectors etc. must be in Stainless Steel. Aflas seals to be used for any part which comes into contact with gas. For other cases, Viton seals to be used. The		

	system shall include automatic valves controlled by the computer station.		
	<u>Data Acquisition and interpretation facility</u>		
1.11	<u>Data Acquisition and interpretation facility:</u> A state of the art computer facility with interface for recording/logging the experimental data during the studies to be provided.		
1.11.1	Branded PC with latest windows operating system and color Laser printer fully compatible with the software installed for measuring all the important parameters and interpreting the recorded data.		
1.11.2	Software for data acquisition, supervision and reporting facilities : Capable of acquisition of raw data measurements such as temperature, pressure, differential pressure, volume and flow rate.		
1.11.3	Continuous display of measurements vs. time in the form of trends and value grids		
1.11.4	Measurement logging in the computer for further compilations.		
1.11.5	Printout facilities		
1.11.6	Supervision facilities displaying the general synoptic of the system and indicating the status of each main component, the values of the measurement and set points.		
1.11.7	Computer-controlled fault diagnoses		
1.11.8	Monitoring facilities		
1.11.9	Operational Control and Safety Device: a) All temperature and pressure controls should be displayed and have built in safety system. b) Pressure and Temperature controllers to be provided with computer interface for continuous data logging/accumulation		
<b>2.0</b>	<b>POWER SUPPLY</b>		
	230 ± 10% volts, 50hz single phase AC		
<b>3.0</b>	<b>CONSUMABLES</b>		
	The bidder should quote the following consumables for smooth and trouble free operation of the equipment		
i.	5 nos. of seal kit for injection pump		
ii.	5 nos. of seal kit for BPR pump		
iii.	5 nos. of seal kits for BPR		
iv.	15 nos. of seal kits for accumulators		
v.	2 meters of 1/8" tube		
vi.	10 nos. of Ferrules		
vii.	10 nos. 1/8" glands		
viii.	Any other consumable required for smooth running of the equipment for at least 2 years to be quoted by the bidder.		
<b>4.0</b>	<b>MAINTENANCE REQUIREMENT</b>		
	A maintenance kit comprising of all the tools relevant for usage and		



	repair/maintenance of the equipment to be provided.		
<b>5.0</b>	<b>ESSENTIAL ACCESSORIES</b>		
	All the necessary accessories e.g. software/ hardware required for smooth and complete functioning of the unit to be included in the quote.		
<b>6.0</b>	<b>RELIABILITY AND PERFORMANCE REQUIREMENTS</b>		
i.	The life expectancy of the major components of the system should be at least for 10 years.		
ii.	Product/service support along with uninterrupted and timely supply of spare parts for at least 10 years for the quoted model must be specifically ensured by the bidders/ representatives		
<b>7.0</b>	<b>Warranty &amp; Guarantee</b>		
	The complete instrument and computer/printer should be under warranty for a period of one year from the date of installation. In case of breakdown during the warranty period, a competent service engineer of the supplier should make as many visits as are necessary to rectify the instrument. The supplier should provide any spares required for making the instrument operational.		
<b>8.0</b>	<b>Installation &amp; Commissioning</b>		
i.	The supplier will be responsible for on-site installation and commissioning of equipment at customer's premises viz. Centre of Excellence for Energy Studies, Oil India Limited, Guwahati, within one month from the date of intimation given to him or his representative regarding readiness of the equipment for installation at the site.		
ii.	<b>Pre shipment inspection:</b> Pre shipment inspection shall be carried out by OIL's representative at manufacturer's site. The supplier shall inform OIL at least 2 (two) months ahead for such inspection to enable OIL to send its inspectors. The supplier has to arrange for 2 (two) OIL engineers for inspection and training for a working week. OIL will bear the expenses towards traveling and accommodation etc. of the OIL's inspection team. The Inspection cum Acceptance process would include the following minimum steps/tasks but not limited to:		
	a) Verification of all material test certificates		
	b) Physical verification/ inspection of all the items/ fittings/ accessories including all Parts Catalogue, Maintenance & Service Manuals together with Operational testing		

	of the equipment. During inspection/ verification, if any faults/ defects on part(s)/ equipment(s)/ accessories have found, supplier have to replace the faulty/ defective items and rectify the same at no extra cost to OIL		
	c) Supplier shall have to take note of any minor modification(s) for operational requirement suggested by the inspector and comply with the same at no extra cost to OIL.		
	d) The inspection report would be prepared at the end of the inspection and jointly signed by both the parties.		
	e) Supplier will confirm in writing compliance of all the points raised in the inspection report		
	f) Supplier will affect dispatch of the unit only on receipt of OIL's dispatch advice.		
	g) During the pre-dispatch inspection visit of OIL's engineers, the supplier shall arrange comprehensive training at their manufacturing plant/ works for a period of minimum 01 (one) week on operation & maintenance, troubleshooting and working principle of the system/ item used in the unit.		
iii.	It may be noted that a representative from OEM should visit CoEES, Guwahati during installation/commissioning of the equipment. Bidder shall arrange for to & fro travel to the installation site, local conveyance and boarding & lodging during the installation. All charges shall be borne by the bidder and should be quoted accordingly separately which shall be inclusive of GST and all other taxes including Income Tax/Corporate Tax/ Personal Tax shall be deducted at source.		
iv.	A certificate will be issued by the authorized representative of OIL regarding satisfactory installation and commissioning of the equipment and about the system acquaintance by way of work association by the supplier.		
<b>9.0</b>	<b>TRAINING</b>		
	A group (around 5) of scientific staff of OIL should be trained in the operation of the software and the instrument and routine		

	maintenance of the instrument at site for 5 working days by Application Specialist of OEM after the installation is over.		
	OIL may also depute its scientific staff for training on the operation and maintenance of the instrument at OEM's factory. Provision should be kept to provide free of cost training to two persons for five days or one person for ten days at OEM's factory. However, to and fro and board and lodging for OIL's staff will be borne by OIL.		
<b>10.0</b>	<b>GENERAL</b>		
	The original equipment manufacturer (OEM) should confirm in writing that the spares for the quoted model will be available for a period of ten years after installation of the instrument. In case the OEM is bidding through an Indian agent, the OEM should give a written undertaking that they will be responsible for providing the warranty and annual maintenance as per the clauses above, even if there is a change in the Indian agency of the manufacturer. The undertaking from OEM should also include that, if in future, OEM does not have any Indian agency, the service will be provided directly by the service engineer of the OEM without any extra charge. Printed documents in support of claimed specification should be provided. System should be upgradeable at site for future applications.		
<b>11.0</b>	<b>DOCUMENTATION</b>		
11.1	All the documents are to be provided in English language.		
11.2	At the time of offer <ul style="list-style-type: none"> <li>i. Literature in support of the offered equipment: 2 sets.</li> <li>ii. List of users worldwide to whom the equipment was sold during the last five years.</li> </ul>		
11.3	Required undertaking from Manufacturer <ul style="list-style-type: none"> <li>i. Manufacturer's Certificate: Document evidence such as POs along with invoice / installation report for manufactured and supplied at least 03 units during the last 05 years.</li> </ul>		
	At the time of supply <ul style="list-style-type: none"> <li>i. Certificate of recent manufacture</li> <li>ii. Certificate of Warranty</li> <li>iii. Certificate of test and inspection with Third Party.</li> <li>iv. Operation manual: 2 sets on CD/DVD ROM.</li> </ul>		

	<ul style="list-style-type: none"> <li>v. Repair and maintenance manual with all the electric/electronic circuit diagrams: 2 sets</li> <li>vi. Parts catalogue: 2 sets.</li> <li>vii. Trouble shooting manual with detail blocks diagram and circuit diagram of cards up to component level.</li> </ul>		
<b>12.0</b>	<b>CONFORMITY TO TENDER SPECIFICATIONS</b>		
12.1	The bidder must fill the Technical Datasheet enclosed with the offer (Annexure -CC )		
12.2	The technical specifications must conform to the requirements as mentioned in Specifications		
12.3	The bidder must confirm that the offered unit/goods are newly manufactured		
12.4	The bidder offering other than the specified make of the equipment will be rejected		
12.5	For any bought out item their Catalogue/Technical literature etc. showing sectional drawing of each component along with the necessary maintenance spare parts, identification number etc. shall be provided.		
12.6	The bids and the accompanied technical documentation must be in English language only. The bids other than English language must have an English version.		
12.7	<p>The technical documents to be submitted along with the bid shall include -</p> <ul style="list-style-type: none"> <li>a) Literature with detailed specifications, Make &amp; Model of items.</li> <li>b) Technical documents &amp; Layout/Process flow diagram of the whole system.</li> <li>c) Piping &amp; Instrumentation Diagram (P&amp;ID) for Instrumentation and Control System</li> </ul>		
12.8	The bidder shall quote separately Installation/commissioning cost, if any		
12.9	The bidder must confirm that the offered Slim tube apparatus shall perform at the desired level as mentioned in the specifications.		
12.10	Bidder's response to all tender stipulations should clearly be defined. Bidder shall furnish specific details/specifications of all major components, systems with Make & Model, etc. Generalized response like "As per NIT Specifications/Technical Leaflet", "Noted", "and Accepted" or in any similar fashion is not acceptable.		
12.11	The priced bid should clearly indicate the following cost break up:		

	a) Cost of the Slim tube apparatus b) Cost of installation/commissioning, if any. c) Cost of AMC for three years after expiry of warranty.		
12.12	The commercial bid will be evaluated based on the price quoted for 14.11 a), 14.11 b) and 14.11 c) as a whole		
12.13	The supplier should also submit a list of companies to whom similar systems have been sold and are presently in operation.		
<b>13.0</b>	<b>TECHNICAL TERMS &amp; CONDITIONS</b>		
13.1	<b><u>THREE YEARS AMC OF SLIM TUBE APPARATUS</u></b> OIL may decide to go for a non comprehensive Annual Maintenance Contract for a period of three years after the warranty period is over. Charges for the Annual Maintenance Contract (AMC) for three years, after the warranty period is over, should be quoted with year-wise break up. These charges will be used for evaluation purposes only. The AMC requirements are mentioned below. However, the detailed and final scope for the AMC shall be as per contract of AMC at the time of awarding AMC contract.		
13.2	<b><u>SPECIAL TERMS &amp; CONDITIONS</u></b>		
13.2.1	The AMC shall come into effect after warranty period of the equipment.		
13.2.2	The service contract will remain in force for three years w.e.f. date of acceptance of AMC contract		
13.2.3	The job will be certified by HoD, CoEES, OIL India Ltd		
13.2.4	The payment will be released after each preventive maintenance visit on the instrument. It shall be certified and verified for the payment by HoD, CoEES, OIL on each of the bill copy		
13.2.5	OIL will not provide any accommodation or to and fro fare to the engineer deputed for preventive and breakdown maintenance.		
13.2.6	The service agency will always depute trained service engineers with necessary tools and kits for servicing of instruments		
13.2.7	The bill should be submitted in triplicate in favour of HoD, CoEES, OIL India Ltd, Guwahati, Assam		
13.2.8	<b><u>Non Performance Deductions (NPD):</u></b> i. If Preventive Maintenance is not carried out by the CONTRACTOR within the time schedule as agreed through mutual consent, the NPD shall be made for amount equivalent to 10% of the Annual contract value.		

	<p>ii. In case of the Breakdown Maintenance/Repair, contractor's service engineer has to report within one week from the time of sending Phone / Fax / Email to the contractor. In case of failure to report within the stipulated time, NPD shall be made @ ½ % of contract value per week or part thereof for delay in reporting, subject to a ceiling of 7.5% of total one-year contract price.</p>		
13.3	<b><u>COMMITMENTS OF THE SPARES</u></b>		
13.3.1	The bidders must submit a written undertaking that they would be able to supply all the requisite spares and consumables for a minimum period of 10 (ten) years from the Certified date of completion/successful field commissioning of the unit.		
13.3.2	<b><u>The bidders must provide the commissioning spares at their cost along with the Equipment.</u></b> They must submit a list of such spares.		
13.3.3	<b><u>Spares list for whole unit for 3-years trouble free operation must be quoted in their bids.</u></b> The spare list shall contain the details of part nos., name OEM and other details as may be necessary for procurement of the parts quoted. While quoting for these spares the bidders must take in to account the consumption pattern of the spares as deemed fit. <b><u>However, the same will be not considered for bid evaluation.</u></b> OIL reserves the right to decide to procure the whole of the quoted spares or part thereof. It is to be noted that the price quoted shall remain firm during this 3(Three) years period.		
	<b><u>TECHNICAL CHECK LIST</u></b>		
13.4	The enclosed technical checklist (supplied in Hard Format) must be completed and returned with bidder's offer. Bidders must ensure that all these points are covered in the offer. Bidders to tick mark in 'Comply' or 'Not Comply' column against each point mentioned and mention the details if not comply.		

<p><b>ANNEXURE – CC</b></p> <p><b>COMMERCIAL COMPLIANCE SHEET</b></p>
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**COMMERCIAL COMPLIANCE SHEET**

The check list must be completed and submitted with the offer. Please ensure that all these points are covered in the offer. These will ensure that the offer is properly evaluated. Please mark 'Yes', 'No' or 'Not Applicable' or specify against the following questions, in the right hand column.

<b>OFFER REF:</b>			
<b>NAME OF THE BIDDER:</b>			
<b>Srl. No.</b>	<b>Particulars</b>	<b>Yes/No/Not Applicable</b>	<b>Remarks</b>
1	Whether bid submitted under Single Stage Two Bid System? i.e. Whether Price are uploaded in "Notes & Attachment" and technical unpriced bid submitted under "Technical Attachment"?		
2	Whether <b>BID SECURING DECLARATION</b> been submitted as per format <b>Annexure AA1 as a part of technical bid.</b>		
3	In case MSE, whether MSE certificate submitted along with <b>BID SECURING DECLARATION</b> as per format <b>Annexure AA1 as a part of technical bid.</b>		
4	Whether offered firm prices?		
5	Whether quoted offer validity of 120 days from the date of final bid closing of the tender?		
6	Whether quoted firm delivery period?		
7	Whether quoted delivery as per BRC Criteria?		
8	Whether quoted as per tender (without any deviations)?		
9	Whether quoted any deviation?		
10	Whether deviation separately highlighted?		
11	Whether agreed to the Warranty clause?		
12	Whether Price Bid submitted as per Price Schedule		
13	Whether quoted all the items/qty. of tender?		
14	Whether indicated the country of origin for the items quoted?		
15	Whether technical literature / catalogue enclosed?		
16	Whether confirmed acceptance of tender Payment Terms?		
17	Whether indicated the place from where the goods will be dispatched. To specify:		
18	Whether road transportation charges up to Destination quoted?		
19	Whether offered Ex-works price including packing/forwarding charges?		
20	Whether weight & volume of items offered indicated?		
21	If Pre-despatch/shipment inspection charges applicable, whether quoted separately?		
22	Whether confirmed to submit PBG as asked for in tender?		
23	Whether agreed to submit PBG within 30 days of placement of order?		
24	Whether indicated import content in the offer?		
25	Whether all applicable Taxes & Duties have been quoted?		
26	Whether all BRC/BEC clauses accepted?		



27	Whether MSME? If yes, whether documents enclosed as per tender.		
28	Whether Annexure EE - Annual turnover & Net worth Certificate submitted?		
29	Whether affidavit/undertaking submitted certifying that the balance sheet/Financial Statements for the financial year 2019-20 has actually not been audited so far, if applicable?		
30	Whether Annexure – FF - Undertaking towards submission of authentic information/documents submitted.		
31	Whether the Digital signature used is Class III digital certificate (e-commerce application) with 'Certificate Type: <b>Organization Certificate</b> '		
32	Whether Submit Annexure XII of Integrity Pact		
33	Whether comply all terms & condition of GTC (General Terms & Contion)		

**ANNEXURE – EE**

**CERTIFICATE OF ANNUAL TURNOVER & NETWORTH**

## **CERTIFICATE OF ANNUAL TURNOVER & NETWORTH**

**TO BE ISSUED BY PRACTISING CHARTERED ACCOUNTANTS' FIRM ON THEIR  
LETTER HEAD**

**TO WHOM IT MAY CONCERN**

This is to certify that the following financial positions extracted from audited financial statements of M/s..... (Name of the bidder) for the last 3 (three) completed accounting years upto.....(as the case may be) are correct.

<b>YEAR</b>	<b>TURNOVER In INR (Rs.) Crores/ USD Million*</b>	<b>NET WORTH In INR (Rs.) Crores / USD Million*</b>

\*Rate of conversion (if used any): USD 1.00 = INR .....

Place:  
Date:

Seal:

Membership No.:  
Registration Code:  
**UDIN No.:**

Signature:

**\*Applicable for Global Tenders.**

**ANNEXURE – FF**

**FORMAT OF UNDERTAKING BY BIDDERS TOWARDS  
SUBMISSION OF AUTHENTIC INFORMATION/  
DOCUMENTS**

**FORMAT OF UNDERTAKING BY BIDDERS TOWARDS SUBMISSION  
OF AUTHENTIC INFORMATION/DOCUMENTS**

**(To be typed on the letter head of the bidder)**

Ref. No \_\_\_\_\_

Date \_\_\_\_\_

To,

**The Dy. General Manager (Materials)PL  
Oil India Limited, Pipeline Headquarters  
Narangi, Guwahati**

**Sub: Undertaking of authenticity of information/documents submitted**

**Ref: Your tender No. \_\_\_\_\_ Dated \_\_\_\_\_**

Sir,

With reference to our quotation no. .... dated..... against your above-referred tender, we hereby undertake that no fraudulent information/documents have been submitted by us.

We take full responsibility for the submission of authentic information/documents against the above cited bid.

We also agree that, during any stage of the tender/contract agreement, in case any of the information/documents submitted by us are found to be false/forged/fraudulent, OIL has right to reject our bid at any stage including forfeiture of PBG and/or cancel the award of contract and/or carry out any other penal action on us, as deemed fit.

Yours faithfully,  
For (type name of the firm here)

Signature of Authorised Signatory

Name :  
Designation :  
Phone No.  
Place :  
Date :

(Affix Seal of the Organization here, if applicable)

**ANNEXURE - GG**

**STARTUP AND MSE VENDORS**

In case a Startup [defined as per Ministry of Commerce and Industry (Department of Industrial Policy and Promotion, DIPP) latest notification]/ MSE is interested in supplying the tendered item but does not meet the Pre-Qualifying Criteria (PQC)/ Proven Track Record (PTR) indicated in the tender document, the Startup/MSE is requested to write a detailed proposal separately, and not against the present tender requirement, to the tender issuing authority about its product. Such proposals shall be accompanied by relevant documents in support of MSE (where applicable) or in case of Startup, following documents shall be given:

1. Certificate of Recognition issued by the Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India.
2. Certificate of incorporation.
3. Audited Profit & Loss (P&L) Statement of all the Financial Years since incorporation. In case where the Balance sheet has not been prepared, bidder shall submit a certificate in original from its CEO/CFO stating the turnover of the bidding entity separately for each Financial Years since incorporation along with a declaration stating the reason for not furnishing the audited P&L Statement. This certificate shall be endorsed by a Chartered Accountant/Statutory Auditor.

The Proposal shall be examined by OIL and OIL may consider inviting a detailed offer from the Startup/MSE with the intent to place a TRIAL or TEST Order, provided the Startup/MSE meets the Quality and Technical Specifications.

In case the Startup/MSE is successful in the Trial Order, the vendor shall be considered for PQC exemption/relaxation (as the case may be) for the next tender for such item till the time it remains a Startup/MSE.

**Annexure-XX**

Format for Undertaking by Bidders towards compliance of office memorandum F.  
No. 6/18/2019-PPD dated 23<sup>rd</sup> July, 2020 (Public Procurement no. 1) issued by  
Department of Expenditure, Ministry of Finance, Govt. of India

(To be typed on the letter head of the bidder)

**Ref. No**\_\_\_\_\_

**Date** \_\_\_\_\_

**Tender No.**\_\_\_\_\_

**Dated** \_\_\_\_\_

OIL INDIA LIMITED

.....

.....

**Dear Sirs,**

*“We have read the clause regarding restrictions on procurement from a bidder or a country which shares a land border with India; We certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. We hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [Where evidence of valid registration by the Competent Authority shall be attached.]”*

*We also agree that, during any stage of the tender/contract agreement, in case the above information/ documents submitted by us are found to be false, Oil India Limited has the right to immediately reject our bid/terminate contract at any stage and carry out further legal action on us in accordance with law.*

Yours faithfully,

For (type name of the firm here)

Signature of Authorised Signatory

Name :

Designation :

Phone No.

Place :

Date :

(Affix Seal of the Organization here, if applicable)

Note : This form should be returned along with offer duly signed.

### **ANNEXURE-N**

#### **RESTRICTIONS ON PROCUREMENT FROM A BIDDER OF A COUNTRY WHICH SHARES A LAND BORDER WITH INDIA**

1.0 Ministry of Finance of Govt. of India, Department of Expenditure, Public procurement Division vide office memorandum F. No. 6/18/2019-PPD dated 23<sup>rd</sup> July, 2020 (order-Public Procurement no.1) has proclaimed the insertion of Rule 144 (xi) in the General Financial Rules (GFRs), 2017 w.e.f. 23<sup>rd</sup> July, 2020 regarding restrictions on procurement from a bidder of a country which shares a land border with India on the grounds of defence of India on matters directly or indirectly related thereto including national security. Bidders are requested to take note of the following clauses and submit their offers accordingly wherever applicable.

Bidders must submit duly sealed & signed undertaking as per format provided vide, “**Annexure-XX**” along with the technical bid.

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.

#### **Validity of Registration:**

In respect of tenders, registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the



bidder was validly registered at the time of acceptance/placement of order, registration shall not be a relevant consideration during contract execution.

- II. “Bidder” (including the term ‘tenderer’, ‘consultant’ or ‘service provider’ in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- III. “Bidder from a county which shares a land border with India “for the purpose of this Order means: -
- a. An entity incorporated, established or registered in such a country; or
  - b. A subsidiary of an entity incorporated, established or registered in such a country; or
  - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
  - d. An entity whose beneficial owner is situated in such a country; or
  - e. An Indian (or other) agent of such an entity; or
  - f. A natural person who is a citizen of such a country; or
  - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- IV. The beneficial owner for the purpose of (iii) above will be as under:
- 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.  
Explanation –
    - a. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company;
    - b. “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
  - 2. In case of a partnership firm, the beneficial owner is the natural person (s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
  4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
  5. In case of trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.
- VI. The successful bidder shall not be allowed to sub-contract any job related to the procurement (e.g. installation and commissioning, Annual Maintenance Contract etc.) to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

ANNEXURE-M

UNDERTAKING BY VENDOR ON SUBMISSION OF PERFORMANCE BANK GUARANTEE

To,  
The Oil India Limited  
Materials/Contracts Department  
Guwahati, Assam  
We

M/s  
..... are  
submitting the performance security in favour of Oil India Limited, Guwahati in the form of bank  
guarantee bearing reference  
no. .... for an amount of INR/USD/EUR  
..... valid up to ..... as per terms and  
conditions of our Purchase Order/Contract No. ....

PBG issuing bank details:-

Bank  
Branch  
IFS Code  
Contact Details

E-mail Addresses Mobile

Telephone

Fax

Correspondence Address

H No/Street/City State

Country

Pin Code

Declaration:-

We have arranged to send the confirmation of issuance of the performance bank guarantee via SFMS portal through our bank using the details mentioned in the contract/purchase order and hereby confirming the correctness of the details mentioned.

Authorised Signature\_\_\_\_\_

Name\_\_\_\_\_

Vendor Code\_\_\_\_\_

Email ID\_\_\_\_\_

Mobile No \_\_\_\_\_

Encl: Original performance bank guarantee

**BID SECURING DECLARATION**

To,

OIL INDIA LIMITED

PIPELINE HEADQUARTER, Guwahati, ASSAM, INDIA

Whereas ..... (herein after called 'the Bidder') has submitted their Bid No. .... dated..... against OIL INDIA LIMITED, GUWAHATI, ASSAM, INDIA (hereinafter called the Purchaser)'s tender No..... for the supply of

.....  
(hereinafter called 'the Bid') KNOW ALL MEN by these presents that if I/We withdraw or modify our Bid during the period of validity, or if I/We are awarded the contract and I/We fail to sign the contract, or to submit a performance security before the deadline defined in the NIT / Purchase Order, then I/We shall be suspended for the period of two (2) years. This suspension of two years shall be automatic without conducting any enquiry.

**Signature & Seal of the Bidder**

**Annexure NN**

**GeM Registration ID Declaration**

To,

OIL INDIA LIMITED

PIPELINE HEADQUARTER, Guwahati, ASSAM, INDIA

CONFIRMATION OF GOVERNMENT E-MARKET PLACE REGISTRATION NUMBER(GeM)

We have confirmed the following:

Name of the Bidder:

Address:

GeM Registration ID:

**Signature & Seal of the Bidder**

(Annexure-X)

**PP-LC POLICY**

**(Purchase preference linked with local content)**

1. For this tender, only Class-I Local Suppliers and Class-II Local Suppliers as defined under clause 2.5 of PPLC Policy (Amended) issued by Ministry of Petroleum and Natural Gas ref. FP-20013/2/2017-FP-PNG dated 17.11.2020, are eligible to bid.
2. The minimum local content in terms of items/services for this tender shall be 20%.
3. Any Class-I local supplier can opt for benefit under either of MSE 2012 policy or PPLC policy. Their preference with respect to this shall be submitted in the relevant bidding form.
4. The Amended PPLC policy document is attached in the e-tender. Bidders have to read the document and upload the declaration/certificate for percentage of local content in prescribed format given below along with duly signed calculations in the relevant appendix format given below for necessary qualification/purchase preference as applicable.

**PROFORMA FOR SELF DECLARATION FOR LOCAL CONTENT**

(On Bidder's Letter Head)

**TENDER ENQUIRY NO. ....**

ISSUED BY: Procurement Leader (Group 3), CPO (M), Bharat Petroleum Corporation  
Limited (Procurement Authority)

I/We, the undersigned, .....(full names), do  
hereby declare, in my / our capacity as .....  
.....of ..... (name of  
bidder entity), the following:

- a) I / We have satisfied myself / ourselves that the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid document (refer Annexure no X)
- b) The local content has been calculated using the formula given in the “**Appendix**” contained in the Annexure-X referred above and the provisions as detailed in the PPLC amended policy attached therein.
- c) The Stipulated minimum threshold for Local content for the tendered items as **20%** is hereby met and we qualify as **Class I Local Supplier/ Class-II Local Supplier** as defined under clause no. 2.5 of the PPLC amended Policy document
- d) Local content for \_\_\_\_\_ (product name) is certified as \_\_\_\_\_%, as calculated in terms of the PPLC amended policy.

*Note: If the bid is for more than one product, a schedule of the local content product-wise shall be attached.*

- d) I/ We also declare that Local Content certificate shall be submitted along with each invoice raised by us after the contract has been awarded and we will ensure that the percentage of minimum local content as per the Class of supplier shall be maintained during all stages of execution of contract.

- f) I/ We accept that the Procurement Authority / Institution have the right that the local content be verified in terms of the requirements of the said Policy.
- g) I/ We understand that submission of incorrect data, or data that are not verifiable as described in the said Policy (PPLC amended policy), may result in the Procurement Authority imposing any or all of the remedies as provided under the Policy.

SIGNATURE OF AUTHORIZED SIGNATORY:

STAMP :

DATE:



**CALCULATION OF LOCAL CONTENT – GOODS**

Name of manufacturer	Calculation of manufacturer cost per no unit of product			
Cost component in Rs./US\$	Cost (Domestic component)	Cost (Imported component)	Cost Total	% Domestic Component
	A	B	C = A+B	D = A/ C
I. Direct material cost				
II. Direct Labour cost				
III. Factory Overhead				
IV. Total Production cost				

Note:

$$\% \text{ LC Goods} = \frac{\text{Total cost (IV C)} - \text{Total imported component cost (IV B)}}{\text{Total Cost (IV.C)}} \times 100$$

$$\% \text{ LC Goods} = \frac{\text{Total Domestic component cost (IV A)}}{\text{Total Cost (IV C)}} \times 100$$

**CALCULATION OF LOCAL CONTENT – SERVICE**

NAME OF SUPPLIER OF GOODS/PROVIDER OF SERVICE					
	COST SUMMARY				
Cost component in Rs./US\$	Cost (Domestic component)	Cost (Imported component)	Cost Total	Local Content	
				%	Rs./US\$
	B	C	D = B+C	E = B/ D	F=DxE
I. Material used cost					
II. Personnel & Consultant cost					
III. Other services cost					
IV. Total cost (I to III)					
TAXES AND DUTIES					
TOTAL QUOTED PRICE					

Note:

$$\% \text{ LC Service} = \frac{\text{Total cost (A.IV D)} - \text{Total imported component cost (A.IV.C)}}{\text{Total Cost (A.IV.D)}} \times 100$$

$$\% \text{ LC Service} = \frac{\text{Total Domestic component cost (A.IV.B)}}{\text{Total Cost (A.IV.D)}} \times 100$$

**CALCULATION OF LOCAL CONTENT – EPC (GOODS AND SERVICE)**

A	NAME OF SUPPLIER OF GOODS/PROVIDER OF SERVICE	COST SUMMARY				
		Cost (Domestic component)	Cost (Imported component)	Cost Total	Local Content	
	Cost component in Rs./US\$				%	Rs./US\$
		B	C	D = B+D	E = B/ D	F=DxE
I.	GOODS					
1.	Material used cost					
2.	Equipment cost					
3.	Sub Total I					
II.	SERVICES					
1.	Personnel & Consultant cost					
2.	Equipment & Work facility cost					
3.	Construction/Fabrication cost					
4.	Sub Total II					
5.	TOTAL COST OF GOODS + SERVICES					
B.	Non Cost Component					
C.	TOTAL QUOTED PRICE					

Note:

$$\% \text{ LC Combination} = \frac{\text{Total domestic component cost of goods (A.I.3.B)} + \text{Total domestic component cost of service (A.II.5.B)}}{\text{Total Cost (A.III.D)}} \times 100$$

$$\% \text{ LC Service} = \frac{\text{Total Domestic component cost (A.IV.B)}}{\text{Total Cost (A.IV.D)}} \times 100$$

**UNDERTAKING FOR APPLICABILITY OF POLICY**

To,

**OIL INDIA LTD**

SUB:

TENDER NO:

Dear Sir

We, M/s\_\_\_\_\_ (*Name of Bidder*) hereby confirm that following purchase preference to be considered:-

Description	Preference
Purchase Preference (linked with local content) or	<input type="text"/>
Purchase Preference under Public Procurement Policy for MSE	<input type="text"/>

Note:

- (i) Please indicate your preference against only one policy.
- (ii) The above preference shall be extended only after submission of requisite documents (as mentioned in the tender documents).
- (iii) In case a bidder is eligible to seek benefit under PP-LC policy as well as under MSE 2012, then the bidder should categorically seek benefits against only one of the two policies i.e. either PP-LC or MSE policy.
- (iv) In case a MSEs bidder opts for purchase preference based on PP-LC, he shall not be entitled to claim purchase preference benefit available to MSE Bidders under PPP for MSE 2012. However, the exemptions from furnishing Bidding Document fee and Bid security/EMD shall continue to be available to such MSE Bidders.
- (v) The option once exercised cannot be modified subsequently.

[Signature of Authorized Signatory of Bidder having power of Attorney]

Place:

Date:

Name:

Designation:

Seal: