



OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Duliajan – 786602
Assam (India)

TELEPHONE NO. (91-374) 2808719

FAX NO: (91-374) 2800533

Email: ranjanbarman@oilindia.in; erp_mm@oilindia.in

FORWARDING LETTER

Tender No. : SDI1904P20 DT: 08.07.2019
Tender Fee : NIL
Bid Security : Applicable
Bidding Type : SINGLE STAGE TWO BID SYSTEM
Bid Closing on : 29.08.2019 (11.00 HRS IST)
Bid Opening on : 29.08.2019 (14.00 HRS IST)
Performance Security : Applicable
Integrity Pact : Applicable

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.

The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence concessional rate of GST @5% against Essentiality Certificate for invoice value 1 Lakh and above will be applicable as per Notification No. 3/2017- Integrated/ Central Tax (Rate) dated 28th June, 2017.

In the event of order, OIL will issue Essentiality Certificate (EC), where concessional rate of GST @5% will be applicable. Supplier shall affect dispatch only on receipt of this certificate from OIL, failing which all related liabilities shall be to Supplier's account.

OIL invites Bids for **Supply , Installation and Commissioning of ELECTROSTATIC EMULSION TREATER (EET) – QTY = 01 NO.** 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 are available in the Technical RFx -> External Area -> Tender Documents

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

The tender will be governed by:

- 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:

	Time (in IST)
Monday – Friday	07.00 AM to 11.00 AM; 12.30 PM to 03.30 PM
Saturday	07.00 AM to 11.00 AM
Sunday and Holidays	Closed

Vendors should contact OIL officials at above timings only.

OIL Bank Details :

	Bank Details of Beneficiary	
a	Bank Name	STATE BANK OF INDIA
b	Branch Name	Duliajan
c	Branch Address	Duliajan, Dist-Dibrugarh
d	Banker Account No.	10494832599
e	Type of Account	Current Account
f	IFSC Code	SBIN0002053
g	MICR Code	786002302
h	SWIFT Code	SBININBB479
i	Contact No.	9435554859
j	Contact Person Name	Mr. K.L.K.Banik, AGM
k	Fax No.	0374-2802729
l	Email Id	sbi.02053@sbi.co.in

- c) “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.
- d) Technical specifications and Quantity as per **Annexure – 1A**.
- e) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area -> Tender Documents.
- f) Amendments to the NIT after its issue will be published on OIL's website only. Revision, clarification, addendum, corrigendum, time extension etc. to the tender will be hosted on

OIL website only. No separate notification shall be issued in the press. Prospective bidders are requested to visit website regularly to keep themselves updated.

- g) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).
- h) Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the **Technical Attachment**. For details please refer “Vendor User Manual” / “NEW INSTRUCTIONS”

Special Notes:

1.0

- a) Bidders who do not have E-tender Login ID and Password should complete their online registration **at least seven (7) 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>
- b) 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.
- c) **MSE Units** (Manufacturers/Service Providers only and not their dealers/distributors) who are already registered with District Industry Centers or Khadi & Village Industries Commission or Khadi & Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts & Handloom or any other body specified by Ministry of MSME are **exempted from payment of Bid Security (EMD)** irrespective of their monetary limit, product category and capacity mentioned in their registration, **subject to submission of valid MSE registration certificate issued by appropriate authority.**
- d) For availing benefits under Public Procurement Policy (**Purchase preference**), the interested MSE Bidders must ensure that they are the **manufacturers of the tendered item(s) and registered with the appropriate authority for the said item(s).** Bids without EMD shall be rejected, if the technical offer does not include a valid copy of relevant MSE Certificate issued by appropriate authority specifying the item as per tender. Therefore, it is in the interest of such MSE Vendors to furnish a copy of complete certificate to the concerned tender handling officer of **OIL at least seven (7) days prior to the scheduled Bid Closing Date of the tender**, seeking clarification/confirmation as to whether their MSE certificate is eligible for EMD exemption or not. **Late communication in this regard and request for bid closing date extension on that plea shall not be entertained by Company.**

NOTE:

In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they must apply to concerned tender handling officer, Materials Department, Oil India Limited, P.O. Duliajan, Assam-

786602 for waiver of EMD upto one week prior to the Bid closing date (or as amended in e-portal).

2.0 The tender is invited under **SINGLE STAGE-TWO BID SYSTEM**. The bidders are required to submit both the “**TECHNO-COMMERCIAL UNPRICED BID**” and “**PRICED BID**” through electronic format in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

2.1 Please ensure that **Technical Bid / all technical related documents related to the tender are uploaded in the RfX Information > Technical Attachment only**. The “**TECHNO-COMMERCIAL UNPRICED BID**” shall contain all techno-commercial details **except the prices**. **Please note that no price details should be uploaded in** Technical RfX Response.

2.2 The “**PRICE BID**” must contain the price schedule and the bidder’s commercial terms and conditions. **For price upload area , please refer “NEW INSTRUCTIONS” Please refer Annex-BB for price schedule.**

2.3 Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in **Annexure-CCC**.

3.0 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 **DGM-Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam** on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security**
- b) **Detailed Catalogue (if any)**
- c) **Any other document required to be submitted in original as per tender 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 Duplicate.

4.0 Benefits to Micro & Small Enterprises (MSEs) as per OIL’s Public Procurement Policy for Micro and Small Enterprises (MSEs) shall be given. Bidders are requested to go through ANNEXURE – I of MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders for more details.

5.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

6.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.

7.0 Bid must be submitted electronically only through OIL’s e-procurement portal. Bid submitted in any other form will be rejected.

8.0 **SINGLE STAGE TWO BID SYSTEM** shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.

9.0 a) **The Integrity Pact is applicable against this tender. Therefore, please submit the Integrity Pact document duly signed along with your quotation as per BRC. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be submitted 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. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.**

b) **The name of the OIL's Independent External Monitors at present are as under:**

i) **SHRI RAJIV MATHUR, IPS (Retd.)**
Former Director, IB, Govt. of India,
e-Mail ID : rajivmathur23@gmail.com

ii) **SHRI SATYANANDA MISHRA, IAS (Retd.)**
Former Chief Information Commissioner &
Ex-Secretary, DOPT, Govt. of India
E-Mail ID : satyanandamishra@hotmail.com

iii) **SHRI JAGMOHAN GARG**
EX-VIGILANCE COMMISSIONER, CVC
E-mail id: jagmohan.garg@gmail.com

10.0 The tender shall be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed **Annexure-CCC**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-CCC**) contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders elsewhere, those in the BEC / BRC shall prevail.

11.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

12.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

13.0 If Bank Guarantee is submitted towards 'Bid Security', then bidders have to ensure that the Bank Guarantee issuing bank indicate the name and detailed address (including e-mail) of their higher office from where confirmation towards genuineness of the Bank Guarantee can be obtained.

14.0 Bidders are requested to refer to the enclosed **Annexure – BBB** for the Taxes and Duties clauses under GST regime.

15.0 Delivery/collection Instructions in cases where transportation is in OIL's scope:

(i) the suppliers shall be required to deliver the Sundry consignments of weight less than 3 (Three) Tons at the godown/office/collection point of OIL's authorized transporter in various cities.

(ii) consignments weighing more than 3(Three) Tons shall be collected from the supplier's premises/loading points by OIL's authorized transporter.

(iii) the names of OIL's current authorized transporters are:

- a) M/s Western Carriers (India) Ltd.
- b) M/s DARCL Logistics Limited

Bidder's are requested to note the above delivery/collection instructions while submitting their offers.

16.0 While submitting the offers bidders are requested to refer to the enclosed **Annexure – BB (Price Bid Format and Evaluation Criteria).**

17.0 Bidders should fill-up and submit alongwith their bid an **UNDERTAKING** towards **authenticity of information/documents** furnished by them, as per enclosed **ANNEXURE-K.**

18.0 **The applicable GST on the Liquidated Damage if any, shall have to be borne by the Seller. Accordingly, the Liquidated Damage shall be recovered from the seller along with applicable GST.**

19.0: For 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 & Attachment" (i.e., NO PRICE Condition), Bidders 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 uploaded 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-tender.

20.0 DISCLAIMER: Rates/Costs shown above are as calculated/quoted by the respective Bidder. Company does not assume any responsibility and shall not be. liable for any calculation error or omissions. However, for placement of order/award of contract, Company shall evaluate the cost details to determine the inter-se-ranking of Bidders strictly as per their Price-Bids and Bid Evaluation Criteria of the Tender. OIL INDIA LTD accepts no liability of any nature resulting from mismatch of "Total Bid Value" & price submitted under "Notes & Attachment" by any bidder and no claim whatsoever shall be entertained thereof.

Please do refer "**NEW INSTRUCTION TO BIDDER FOR SUBMISSION**" for the above two points and also please refer "**New Vendor Manual (effective 01.03.2019)**" available in the login Page of the OIL's E-tender Portal.



Oil India Limited e-Procurement

User ID *

Password *

Logon Problems? [Get Support](#)

[Supplier Enlistment for E-Tender](#)

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

[Click here to View Comptability Settings](#)

[General Guidelines to bidders](#)

[Click for User Manuals](#)

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Click here for the New Manual & Instruction

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.

Yours Faithfully

Sd-

**(R BARMAN)
DGM (IP)
FOR GM-MATERIALS (HOD)**

TENDER NO. SDI1904P20 DT: 08.07.2019**BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)**

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the “Bid Rejection Criteria” as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

<u>Criteria</u>	Complied / Not Complied. (Remarks if any)
<p>1.0 BID REJECTION CRITERIA (BRC):</p> <p>The bid shall conform generally to the specifications, terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.</p> <p><u>A) TECHNICAL:</u></p> <p>1. BIDDER'S QUALIFICATION:</p> <p>1.1 The bidder shall be an Original Equipment Manufacturer (OEM) of the tender items.</p> <p>1.2 The bidder shall carry out the fabrication work of the tender item by engaging welders who are qualified under ASME boiler and pressure vessel code section- IX regulations. Documentary evidence in regard of welder qualifications shall be supplied by the bidder along with the bid. The list of welder(s), who will be engaged for fabrication of the tender item, along with respective welder performance qualification test report carried out within last 05 years preceding original bid closing date of this tender, shall be submitted along with the technical bid.</p> <p>2. BIDDER'S EXPERIENCE:</p> <p>2.1 The bidder shall have experience of successful execution of past supply of Electrostatic Emulsion Treater(EET) for minimum 50% tendered quantity (to be rounded off to next higher integer), to an Exploration& Production Company, in last 05 years from the original bid closing date of the tender</p>	

2.2 In support of supply experience, the bidder shall submit the following documents -

(a) Copy (ies) of Purchase Order(s)/Contract document(s), and

(b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s) -

- Signed and sealed Completion report/performance certificate from the clients(in original on user's letter head)
- Bill of lading
- Consignee delivery receipt / challan
- Central Excise Gate Pass / Tax Invoice issued under relevant rules of Central Excise / Vat / GST
- Commercial Invoice / Payment Invoice
- Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s) /contract(s) cited above

Note:

I) 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.

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

(c) The bidder shall quote for all the items specified in this tender and shall agree to supply as per specifications mentioned in item's descriptions.

B) FINANCIAL:

a) Annual Financial Turnover of the bidder during any of preceding 03 (three) financial / accounting years from the original bid closing date should be at least **Rs. 121.88 Lakhs**

b) Net Worth of the firm should be Positive for preceding Financial / Accounting year (FY=2018-19).

Note -For (a) & (b): 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 the financial year..... (As the case may be) 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-J.**

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.

C) COMMERCIAL:

i) Validity of the bid shall be minimum 120 days from the Bid Closing Date.

ii) Bid security:

The bid must be accompanied by Bid Security of **Rs 4,87,500.00** in OIL's prescribed format as Bank Guarantee in favour of OIL. The Bid Security may be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. **The Bank Guarantee towards Bid Security shall be valid for 7 months from Bid closing date. (i.e. upto 31.03.2020)**

Bid Security may also be paid online on or before the Bid Closing Date and Time mentioned in the Tender.

If bid security in ORIGINAL of above mentioned Amount and Validity is not received or paid online within bid closing date and time, the bid submitted through electronic form will be rejected without any further consideration.

For exemption for submission of Bid Security, please refer Clause No. 8.16 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders.

The format of Bank Guarantee towards Bid Security (Annexure – VII) has been amended to Annexure – VII (Revised) and bidders should submit Bank Guarantee towards Bid Security as per Annexure – VII (Revised) only.

iii) Bids are invited under “Single Stage Two Bid System”. Bidders have to submit both the “Techno-commercial Unpriced Bids” and “Priced Bids”

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 is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement of Indigenous Tenders. Any offer not complying with the above shall be rejected straightway.

iv) Performance Security:

The successful bidder shall submit Performance Security @ 10% of PO value within 30 days of receipt of the formal purchase order failing which OIL reserves the right to cancel the order and forfeit the Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above.

The Performance Security shall be in the following form :

A Bank Guarantee in the prescribed OIL's format valid for 90 days beyond delivery period and applicable warranty/guarantee period (if any).

The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.

v) The 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.

vi) 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.

vii) All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisation's name (*e-commerce application*) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3 with Organisation's Name" digital certificate, will be rejected.

viii) Technical RFx Response folder is meant for Technical bid only. Therefore, No price should be given in Technical RFx Response folder, otherwise the offer will be rejected.

ix) Price should be maintained in the "online price schedule" only. The price submitted other than the "online price schedule" shall not be considered.

x). Integrity Pact :

OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be submitted 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. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.

xi). A bid shall be rejected straightway if it does not conform to any one of the following clauses:

- (a) Validity of bid shorter than the validity indicated in the Tender.**
- (b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.**
- (c) Bid Security with (i) Validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.**
- (d) In case the Party refuses to sign Integrity Pact.**
- (e) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.**

DELIVERY: -

FOR MATERIALS: TO BE COMPLETED WITHIN 12 MONTHS FROM PLACEMENT OF PURCHASE ORDER

FOR INSTALLATION & COMMISSIONING: WITHIN 06 MONTHS AFTER SITE CLEARENCE.

NOTE: FOR CLAUSE NOS. C(ii) & C(iv) OF BID SECURITY/EMD AND PBG

The bidders/successful bidders are requested to advise the Bank Guarantee issuing bank to comply with the following and ensure to submit, the receipt of the copy of SFMS message as sent by the issuing bank branch, along with the original bank guarantee in Oil's tender issuing office:

The bank guarantee issued by the bank must be routed through SFMS platform as per following details:

- (i) "MT 760 / MT 760 COV for issuance of bank guarantee.
- (ii) "MT 760 / MT 767 COV for amendment of bank guarantee

The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code - UTIB0001129, Branch Address - AXIS Bank Ltd, Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, District - Dibrugarh, PIN- 786602

2.0 BID EVALUATION CRITERIA (BEC)

The bids conforming to the terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary

evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

A) TECHNICAL:

i) The bids will be evaluated as per NIT specifications, terms & conditions.

B) COMMERCIAL:

i) Priced bids of only those bidders will be opened whose offers are found technically acceptable. The technically acceptable bidders will be informed before opening of the "priced bid".

ii) A job executed by a bidder for its own organization / subsidiary cannot be considered as experience for the purpose of meeting BEC.

iii) To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.

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TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI1904P20 DT: 08.07.2019

	Complied / Not Complied. (Remarks if any)
<p><u>ITEM NO. 10</u></p> <p><u>SUPPLY AND INSTALLATION & COMMISSIONING OF ELECTROSTATIC EMULSION TREATER (EET) AS PER API SPECIFICATION 12L, ASME SEC VIII, DIV-I COMPLETE WITH ALL MOUNTINGS, ACCESSORIES (NECESSARY INTERNALS AND EXTERNALS) AND PROCESS INSTRUMENTATIONS LIKE PIPINGS, INSTRUMENTS AND VALVES - ALL UNITIZED AND MOUNTED ON A ROBUST OIL FIELD TYPE SKID AS PER THE FOLLOWING SPECIFICATION: – QTY = 01 NO.</u></p> <p><u>TECHNICAL SPECIFICATION FOR ELECTROSTATIC EMULSION TREATER (EET)</u></p> <p><u>1.0 VESSEL & FLAME ARRESTED BURNER</u></p> <p>1.1 SERVICE REQUIREMENTS: The Electrostatic Emulsion Treater will be used for breaking emulsified crude oil into water and saleable clean oil components and gas (negligible amount).</p> <p>The unit is to be designed to meet the following service requirement-</p> <ul style="list-style-type: none"> i) To break oil water emulsion and separate water from oil efficiently to a very low level (water content of 0.15 % or less in the oil outlet) and also gas (negligible amount). ii) While satisfying the above requirement, the oil content in water outlet should be maintained 100 ppm or less and to arrest 99% of entrained liquid particles from the separated gas for the particle size upto 10 micron. iii) Suitable provisions to collect liquid samples in all inlet and outlet connections of the vessel for performance analysis. iv) Suitable provisions like, manhole etc. for periodic sand cleaning of the vessel. v) Separator Configuration: The separator should be horizontal, cylindrical shell type having dished end. Dished end shall be spun in a dished head spinning machine only. There shall be no welding in the dished ends. <p>1.2 BASIC DESIGN & SIZING DATA:</p> <p>The process engineering design and sizing of Electrostatic Emulsion Treater Unit shall be carried out on the basis of the following design parameters. However, detail analysis report of crude oil, gas and produced water will be provided separately on demand basis.</p> <ul style="list-style-type: none"> i) Total liquid rate : 1500m³/day 	

a)	Oil rate	: 750m ³ /day
b)	Water rate	: 750m ³ /day
ii)	API gravity of crude oil	: 20 Deg - 35 Deg API
iii)	Pour Point of crude oil	: 21 Deg - 33 Deg C
iv)	Oil viscosity (plastic viscosity)	: 14/04 to 18/02 at 27 deg C 18/06 to 23/06 at 24 deg C 30/18 to 38/13 at 21 deg C (Unit :PV(cp)/YV(Dyne/cm ²)
v)	Water Sp. Gravity	: 1.02 -1.05
vi)	Gas rate	: 10,000 scum/day at operating pressure 2.5 kg/sq.cm (35 psi)
vii)	GOR average	: 04 - 08 scum/m ³
viii)	Paraffin content	: 10 - 12 %
ix)	Emulsified fluid stream inlet Temperature	: 25 - 45 deg C
x)	Treating temperature	: 60-65 deg C
xi)	Operating Pressure	: 2.5 – 3.0 kg/cm2
xii)	Design pressure	: 6.0 kg/cm2
xiii)	Design temperature	: 80 °C (max.)
xiv)	Fuel source	: Natural Gas
xv)	Calorific Value of natural gas	: 8000 – 8500 Kcal/kg
xvi)	Fuel supply pressure	: 2.1 – 3.5 kg/cm2
1.3 BROAD OPERATIONAL REQUIREMENT:		
i) Skid mounted with lifting lugs. ii) Flame arrested burner iii) Burner management system iv) Sample cocks v) Flame detector/shut down vi) Sand Cleaning Arrangement, e.g Manhole etc vii) ½” sampling Points with isolating valves at inlet, Oil Outlet & Water Outlet		
1.4 MECHANICAL DESIGN & FABRICATION OF THE VESSEL: -		

The Electrostatic Emulsion Treater Unit, process piping, control gears / instrumentations, requisite valves and accessories must be designed and fabricated as per ASME Section VIII Div. 1 considering the following parameters in addition to the parameters given in para A,B & C above.

- i) The Size of the vessel skid should not exceed 9m x 3m x3m (Length x Breadth x Height). [If it necessitates, splitting the unit into 2 vessels consisting of Heater Vessel & Treating Vessel may be considered for the specified liquid throughput.]
- ii) Corrosion allowance: To be considered as per corrosion control guidelines-Appendix B of API specification 12L.
- iii)Material of construction: As recommended by the relevant code of API Specification 12L latest Edition/ ASME Section VIII Div. 1.
- iv)Hydraulic testing of the vessel as per relevant code of API Specification 12L latest Edition/ ASME Section VIII Div. 1.
- v) All flanged outlet/inlet connection must be rated to ANSI 150 Class RF only as per ANSI B 16.5.
- vi)Radiography: 100% required
- vii) Post weld heat treatment/stress relieving shall be required for the entire vessel and shall be carried out in an automatic temperature controlled furnace only.
- viii) The unit shall be complete with drain valves and pressure relief valves.
- ix)All Valves other than Control/Safety relief valves shall be Gate/Plug valve as per API 600/API6D design.
- x) All the pressure indicators, level indicator, switches and transmitter shall be provided with isolation valves.

1.5 SPECIFICATION OF FLAME ARRESTED BURNER (Qty: 2 NOS)

- 1) Flame Arrested Burner Assembly, comprising of Flame Arrestor Housing complete with necessary burner equipment/accessories i.e. main and pilot burners, mixers etc., suitable for above mentioned EET, as detailed below
- 2) The Flame Arrested Burner Assembly shall be to suit the following conditions:
 - a. Designed Furnace capacity
 - b. Temperature of Bath: 60 Deg.C to 80 Deg.C
 - c. Calorific value of natural gas: 1000 BTU/ft3
 - d. Burner Gas Pressure: 0.7 - 1.05 Kg/Cm2 (10-15psi)
- 3) The Flame Arrestor Housing shall be as detailed below
 - a. Fire Tube : 'U' type Fire Tube
 - b. The flame arrestor housing shall be "O" style, 2-piece, hinged (one no left hinged and one no right hinged, total two nos. for each EET), suitable for fire tube size ,
 - c. The flame arrestor housing shall be made out of such material that will withstand outdoor field conditions like rains, ambient temperature of minimum 5 deg.C and maximum 45

deg.C and should not crack or get damaged due to rapid uneven cooling / heating. Gaskets, wherever used, should be gas tight, so that leaks do not occur that can impair the safety of the installation.

- d. The flame arrestor housing shall be provided with necessary lifting lug.
- e. The flame arrestor housing shall be provided with necessary sight glass to check the pilot flame.
- f. The flame arrestor housing shall be provided with couplings of different sizes on body of the flame arrestor for fuel gas supply connections.
- g. A separate spool or extended flame arrestor neck shall be required to be fitted with the flame arrestor to avoid fouling with the Treater chimney.

The orientation of the flange bolting of the flame arrestor housing shall be suitable for 'U' type Fire Tube.

1.6 FINISHING:

- i) Vessel shall be cleaned by sand blasting followed by one coat of uniform red oxide primer and one coat of Aluminum Enamel painting on outside only.
- ii) The vessel should be painted internally with heat resistant anti corrosive painting. The heat resistant paint should be able to withstand heat up to maximum design temperature of the unit i.e. up to 100 Deg. C.

1.7 MARKING:

The unit shall be provided with a name plate of corrosion resistant material bearing all information as specified in API SPEC. 12L.

2.0 INSTRUMENTATION AND CONTROL SYSTEM:

The Electrostatic Emulsion Treater Unit shall be equipped with the following Instrumentation and control system. Items shall be from the manufacturers as provided in the vendors list.

2.1 TECHNICAL SPECIFICATIONS FOR BURNER MANAGEMENT SYSTEM FOR ELECTROSTATIC EMULSION TREATERS (EET):

The BMS controller will be used to primarily control and monitor the complete ignition and firing sequence of the burners installed in the EET. It will monitor the presence of pilot flame and will shut off the fuel gas flow if the flame goes out. An auto re-light will try to re-ignite the burner up to three times if there is a flame failure. There will be provisions for dedicated alarm inputs for low fluid level, high bath temperature and low as well as high gas pressure that can be user configurable.

- a. Approvals: CSA: Class 1 Division 2 Groups C & D. T4 (BMS Controller) - CSA: C22.2 No. 199 (Combustion Safety Controls and Solid-State Igniters for Gas and Oil Burning Equipment)
- b. Operating Temperature: up to +40°C.
- c. Housing and Parts Materials: Fiberglass Polyester /Aluminium/SS.
- d. Power supply: 230VAC available at site. However BMS system shall be operable at 12-30VDC power.

- e. Display type: LCD/Vacuum Fluorescent Display (VFD) with Full Text Message.
- f. Operator control: Keypad (Start, Stop, Menu etc.)
- g. Burner(s): Dual Burner
- h. Temperature Control: 4-20mA PID Control
- i. Configurable alarm

i) Technical Specifications for Pilot Guard:

The following minimum should be provided for each burner

- a. Burner Nozzle
- b. Fuel/Air mixer
- c. Ignition cable
- d. Ignition module with Class 1 Div 1 Enclosure
(Certified Combustion Safety Control as required by B149.3)
- e. Electrode Spark Rod/Flame Sensor
- f. Electrode Mount Adapter
- g. Ground Wire and Clamp

ii) Other accessories:

- a. Shut down valves for main fuel line with proof of closure (Two numbers).
- b. 24 VDC operated Solenoid valve for main fuel line shut down valve.
- c. 24 VDC operated Solenoid valve for main fuel line vent
- d. 24 VDC operated Solenoid valves for pilot lines (Two numbers)
- e. Thermocouple (with thermowell) for temperature control loop.
- f. I/P converter for temperature, pressure & level control loop.
- g. Pressure switches (with isolation valves) for high and low fuel pressure shutdown.
- h. Temperature switch (with thermowell) for high temperature shutdown.
- i. Level switch for low level shutdown.
- j. Pressure regulators for main and pilot lines.
- k. Pressure gauges in both main and pilot gas lines

iii) BURNER CONTROLS:

- a. Remote ignition of Pilot burner using Ignition transformer & electrodes (Power availability at site will be 230 VAC, 50 Hz, Single phase)
- b. Pilot flame sensing and shutdown of main fuel supply in case of pilot flame failure.

iv) CONTROLS & DISPLAY OF ELECTROSTATIC EMULSION TREATER UNIT:

- a. Temperature control of the emulsion will be from BMS using I/P converter with a control valve (not a shutoff valve) in the main fuel line forming the control loop.
- b. The logic for fuel supply shutdown for various process abnormalities shall be from BMS.
- c. High temperature alarm and shutdown of the fuel supply.
- d. Low liquid level alarm and shutdown of the fuel supply.
- e. Separate interface level controllers for each chamber of the vessel.
- f. Temperature indicators with thermowell of the Treater vessel for each chamber of the vessel.

- g. Pressure indicators with isolation valves of the Treater vessel.
- h. Level control loop for oil outlet of the Treater vessel.
- i. Level controller for water outlets of the Treater vessel.
- j. Back pressure control loop of the Treater vessel.
- k. High and low pressure alarm of the Treater vessel.
- l. Flow metering in the crude oil outlet line.
- m. Two numbers of on-line high precision Water-in-oil monitor along with mixer and spool on the crude oil inlet and outlet line. The water-in-oil monitors shall be installed in the main oil inlet and outlet line (not in the sampling line). It shall have provision for alarm setting and remote indication.
- n. Magnetic glass tube level indicator for indication of interface level in each chamber.
- o. One spare temperature sensing point with thermowell in each chamber and one spare pressure sensing point on the vessel with isolation valve to be provided for future use.
- p. All the electronic field instruments should be suitable to operate in 100% Relative Humidity environment.

v) CONTROL PANEL:

A PLC (Programmable Logic Controller) based local control panel shall be provided with the Electrostatic Emulsion Treater Unit containing following provisions:

- a. A minimum 10 inch size colour touch screen panel mounted monitor to display graphical representation of the process, process parameters, water percentage of inlet and outlet crude, total flow of treated crude oil, alarms, historical data, trends and set points setting for Pressure, Temperature, Level control loops etc.
- b. Minimum 20% of PLC I/O should be kept as spare.
- c. DC power supply for powering electronic transmitters and other units.
- d. All electronic instruments, transmitter, water-in-oil monitor etc shall operate in 24V DC supply.
- e. Audio-visual alarm for pilot flame failure
- f. Audio-visual alarm for high temperature of emulsion
- g. Audio-visual alarm for low liquid level
- h. Audio-visual alarm for high & low pressure of the vessel and main fuel gas line.
- i. Audio-visual alarm for high water percentage
- j. Necessary RS-232/RS-485 interface with PLC for remote transmission of important data.
- k. The necessary software for programming the PLC as well as touch screen display and Hand-held programmer/Lap top PC (if any) shall be supplied along with the control panel.

2.2 CERTIFICATION FOR INSTRUMENTATION ITEMS

- i) All electronic/electrical instruments, Junction box use in hazardous area should fulfill the following. The bidder shall confirm the compliance at the time of submission of bid.
 - a. Item shall be of a type and specification confirming to the relevant standards as specified in the Regulation 107(2) of **Oil Mines Regulation-2017** and complying the provisions therein.

b. Bidder should supply documents specifying the type, details of specification, reference of the particular standard, test criteria as per the standards and status of testing, place of testing, copies of test reports from Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body which is not a part of manufacture's facilities.

c. In this regard, Bidder may refer OMR-2017, Notification dated 18th October 2017, published in the Gazette of India, under Ministry of Labour and Employment, Directorate General of Mines Safety, published on 2nd November 2017.

2.3 BILL OF MATERIAL FOR INSTRUMENTATION ITEM

SL NO.	DESCRIPTION	VENDOR LIST	QTY.
1	Burner Management System (Dual Burner, electronic)	Canalta/ACL / FMC Invalco/ Profire	1 Set
2	PLC	Allen-Bradley/ABB/ Honeywell/ Yokogawa/ Emerson Process Management/Siemens	1 Set
3	Laptop PC loaded with license programming software of offered PLC	HP/Dell/Lenovo	1 No
4	Touch Screen panel mounted Monitor (min 10inch)	Allen-Bradley/ ABB/ Honeywell/ Yokogawa/ Emerson Process Management/ Siemens	1 No
5	Thermocouple with thermowell and thermocouple cable for temperature control		1 Set
6	I/P Converter (Pressure, Level and Temperature control)	Emerson Process Management /Honeywell/ Yokogawa/ ABB /Endress+Hauser	5 Nos
7	Shut down valve for main fuel line with proof of closure	Canalta/ Norriseal/ Invalco/ Profire/ACL /ASCO/ Numatics/ Rotex	2 Nos
8	24Vdc 2-way Solenoid valves for main fuel line	ASCO/ Numatics/ Rotex	1No
9	24Vdc 2-way Solenoid valves for pilot fuel lines	ASCO/ Numatics/ Rotex	2 Nos

10	24 VDC operated Solenoid valve for main fuel line vent	ASCO/ Numatics/ Rotex	1 No		
11	Pressure switch (0.4-2.5)Kg/cm ² (Rising) for high gas pressure with isolation valve/manifold.	Switzer/ Danfoss/ Indfoss	1 No		
12	Pressure switch (0.4-2.5)Kg/cm ² (Falling) for low gas pressure with isolation valve/manifold.	Switzer/ Danfoss/ Indfoss	1 No		
13	Temperature switch (20-100) deg C. with thermowell	Switzer/ Danfoss/ Indfoss	1 No		
14	Liquid level switch	Emerson Process Management /Norriseal/ Endress+Hauser /Cenatco/ Invalco/ Magnetrol	1 No		
15	Pressure Regulating Valve (0-250)psi (in main fuel line)	Emerson Process Management /Shavo Norgen	1 No		
16	Pressure Regulating Valve (0-10)psi (in the pilot line)	Emerson Process Management /Shavo Norgen	1 No		
17	Air filter cum pressure regulator (0-10)psi	Emerson Process Management /Shavo Norgen	2 Nos		
18	Air filter cum pressure regulator (0-100psi)	Emerson Process Management /Shavo Norgen	11 Nos		
19	Pressure Transmitter(0-4)kg/cm ² with isolation valve/manifold	Emerson Process Management/ Honeywell/Foxboro/Yokogawa/ABB/ Endress+Hauser/Cameron/Rockwin/K rohne	1 Nos		
20	Interface Level Transmitter	Emerson Process Management /Norriseal/ Endress+Hauser /Cenatco/ Invalco/ Magnetrol	2 Nos		
21	Level Transmitter	Emerson Process Management	1 No		

		/Norriseal/ Endress+Hauser /Cenatco/ Invalco/ Magnetrol			
22	Flow transmitter (at outlet) inclusive of orifice and other required accessories.	Emerson Process Management /Honeywell/ Foxboro/ Yokogawa/ABB/Endress+Hauser/Cameron/ Rokwin/ Krohne	1 Set		
23	Water in oil monitor (at inlet & outlet) with spool and mixer	Fluenta/ Roxar/ Honeywell /Weatherford	2 Sets		
24	Isolators	MTL/P&F	10 Nos		
25	Control Panel. Size(Minimum): 600mm(L) X 550mm(B)X950mm(H)	Rittal/Pyrotec	1 No		
26	24Vdc Power supply unit(SMPS)	Phoenix Contact/P&F/AB/MTL	1 No		
27	Pressure Control Valve with positioner (3-15)psi, Normally Open	Emerson Process Management / MIL/ Valtek/ IL/ Norriseal	1 No		
28	Level Control Valve with positioner, (3-15)psi, Normally Closed	Emerson Process Management /MIL/ Valtek/ IL/ Norriseal	3 Nos		
29	Magnetic Sight glass gauge (suitable points near each level controller)	Levcon/ Chemtrol/ Norriseal/ Cenatco/ Invalco/ Daniel/ Ferguson/ Magnetrol	3 Nos		
30	Temperature Control Valve with positioner,(3-15)psi, Normally Closed	Emerson Process Management / MIL/ Valtek/ IL/ Norriseal	1 No		
31	Pressure Gauge (0-7)kg/cm2 with isolation valve	Odin/ Wika/ Ashcroft/ General	1 No		
32	Temperature gauge(0-100)kg/cm2 (Inlet, Outlet and vessel)with thermowell	Odin/ Wika/Ashcroft/ General	3 Nos		
33	SS Tubes and Fittings	Swagelok/ Parker/ Sandvik	1 lot		
34	Erection hardware		1 lot		

Note: All the above mentioned items as per BOM are minimum only. It is the bidder's responsibility to include any items / increase quantity that will be required for the complete control system of the Electrostatic Emulsion Treater. The bidder has to submit the detail BOM as per their design along with Makes, Model No, Range, Quantity etc. along with the bid.

3.0 ELECTRICAL EQUIPMENTS

- a. **Power supply:** 3 phase, 415V (+/- 6%), 50Hz (+/- 5%), AC power supply would be provided at one point at a suitable location 30 meter away (in the non hazardous area) from the EET unit. The supplier of the EET Unit shall tap power from this point. Since Oil India Ltd. uses NGR based electrical system, there will be no neutral point. If use of neutral is unavoidable, suitable isolation transformer (DY11 type) shall be used. Supply of such isolation transformer shall be in the scope of the vendor.
- b. Supply of all down the line electrical items like transformer(s), cables, cable glands, Junction boxes, Isolating switches, insulators, meters, electrical panel etc. as required for the operation of the EET shall be in the scope of the vendor.
- c. All the electrical items used in the EET, like junction boxes, switches, light fittings, control panel, Transformer etc. shall be flameproof (explosion proof) 'Ex-d' type, suitable for operation in Hazardous Area Zone 1, Gas Group IIA & IIB. The temperature of exposed surface of any electrical equipment installed in hazardous area shall not exceed 85 deg. C (Temperature Class T6).
- d. All the flameproof equipment, item and enclosure shall be conforming to the requirements of IS/IEC 60079-1: 2007, shall have type test certificate from one of the following testing & certification agencies.
 - ❖ CIMFR: Central Institute of Mining and Fuel Research, India [or any other NABL - National Accreditation Board for Testing and Calibration Laboratories, India, accredited Government approved testing laboratory].
 - ❖ UL: Underwriters Laboratories Inc. (USA)
 - ❖ FM: Factory Mutual Research Corporation (USA)
 - ❖ BASEEFA: British Approvals Service for Electrical Equipment in Flameproof Atmospheres
 - ❖ PTB: Physikalisch Technische Bundesanstalt (Germany)
 - ❖ RIIS: Research Institute of Industrial Safety (JAPAN)
 - ❖ ATEX (EU)

Note: Copies of all the test certificates for all the flameproof equipment must be provided along with the supply of materials. All such test certificates must be produced before OIL's engineer during pre-dispatch inspection / FAT / on demand by OIL before finalization.

- e. Bidder shall provide an electrical schematic / single line diagram(SLD) of the complete

EET system along with bill of materials (covering all the electrical components/items with basic ratings, make and model no. etc.) along with the bid for technical evaluation.

- f. Supplier shall indicate total power requirement in KW for the complete EET system while submitting the bid.
- g. **Earthing / Grounding:** Earth electrode (Chemical type), GI/Copper Strap etc. as required for earthing of the complete EET system shall be supplied and installed by the vendor. Chemical earth electrodes of 3 meter length in sufficient numbers shall be considered for the earthing purpose. Minimum two electrodes shall be used for each earthing system namely Transformer Neutral Earthing, Body or equipment Earthing, Instrumentation earthing etc. All the metallic structure / vessels shall have double earthing at two distinct points. Earthing shall be done as per IS 3043.
- h. Bidder shall provide earthing schematic / earthing layout of the EET System along with the bid. A bill of earthing materials shall also be provided.
- i. **Transformer:** KVA rating of the EET Transformer shall be as per process requirement. Transformer shall be oil filled, flameproof type, housed in a hermetically sealed (IP 66 protection) carbon steel tank. The temperature of the outer surface of the transformer shall not exceed 85 deg. C (Temperature Class T6) during operations. Transformer input shall be 3 phase, 415V, 50Hz AC. Suitable tap changers at Primary side / Secondary side of the transformer shall be provided (via tap switch) appropriate to the process requirement. Single phase EET transformer shall be avoided because of electrical power supply limitation at the source.
- j. A modular type surge protector of suitable for 3 Phase, 415V, 50Hz system shall be provided and installed at the source, to prevent any unwanted voltage spikes down the line to EET.
- k. The control system should be completely failsafe. The supplier besides other process protections shall provide protections for flash over across the electrodes, over current, Earth fault, Earth leakage, high oil and winding temperature alarm and tripping for transformer, emergency shutdown etc. Electrical system of the EET Unit should have adjustable (30mA to 300mA) earth leakage protection through earth leakage protection relay and CBCT.
- l. All the electrical metering equipment like Voltmeter, Ammeter etc. should be housed inside flameproof enclosure.
- m. Electrical equipment like cables, transformer, switch, MCCB etc. should not be rated neck to neck. All the electrical equipment shall be rated at least 25% higher than the required ratings.
- n. The electrical equipment shall have proper name plate made of corrosion resistant materials.
- o. Bidder should provide a comprehensive list of recommended electrical spares, along with item wise part numbers, price etc. to facilitate future procurement of spares.

4.0 SPARES

- i) **COMMISSIONING SPARES:** The Supplier has to supply all the spare parts required for initial commissioning of the unit. All the consumables required for commissioning should also be supplied
- ii) **RECOMMENDED SPARES:** The bidder shall furnish a list of spares & components including bought out items, electrical spares & Instrumentation spares, that will be required for regular operation and maintenance, overhauling etc. throughout the life of the equipment complete with price of each item. Annual consumption of each spare should be furnished. The spare parts list should include OEM part numbers, make & model of the equipment and contact postal address of OEM. While quoting for these spares, the bidder shall take into account the consumption pattern as deemed fit. The cost of the recommended spares will not be considered for evaluation.
- iii) **OPERATIONAL CRITICAL SPARES:** Supplier shall supply the operational critical spares along with the supply of the Unit. **Bidders shall include the price of these spares in the cost of the EET. However, bidders need to mention separately the price of these spares as a separate sheet.**

S.No	Breif Description	Quantity
1	Igniter module with ignition rod and accessories	1 set
2	Solenoid Valve	2 nos.
3	I/P converter	2 nos.
4	PLC I/O card	1 no each type
5	Pressure Switch	1 no each type
6	Thermocouple	1 no
7	Grid Electrodes	1 set
8	Grid Hangers	1 set
9	Grid Connection cables	1 set
10	Strainer	1 set
11	Complete set of Diode / Rectifier Assembly used in the EET (at the HV end of the transformer),	1 set
12	Complete set of all the HT insulator bushings used in the EET, Qty. 1 Set	1 set

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- iv) The bidders shall also confirm availability of all the spares quoted, for a period of 10 (ten) years from the date of supply of the Electrostatic Emulsion Treater Unit.

5.0 DOCUMENTATION & MANUALS:

5.1 BID ENCLOSURES: The bidders must furnish the following information as enclosures in their bids.

- i) Equipment sizing calculations and selection criteria of the major components of the EET Units like EET Transformer etc.
- ii) Bidder must provide technical details of the HT transformer which will be used in the EET for electrostatic coalescence of the water droplets. Copies of all the type test certificates of the transformer including flameproof/explosion proof type test certification shall be submitted along with the bid.
- iii) Bidder must provide a list of all the other flameproof equipment which will be used in the EET system along with name of the respective OEM and Model No. **Bidder shall provide a declaration along with the bid that on placement of PO, copies of the type test certificates of all the flameproof items will be submitted to OIL for scrutiny before construction of the EET system.** All the flameproof items shall be best in class and OIL reserves the right to ask for replacement/change based on the test report or OIL's past experience.
- iv) Detail specification with make and model no. of Instrumentation item like Burner Management System, PLC, Touch Screen Display, Flow Transmitters, Pressure Transmitters, Temperature Transmitter, Level Transmitters, Water in oil meters, Pressure switches, Temperature switches, Level switches, I/p converter, Regulators, Solenoid valves, Control panels, SS tubes & SS fittings, Pressure Gauges, Temperature Gauges, Level Gauges, armoured cables etc. including electrical power requirement and any other related accessories not mentioned herein for OIL's scrutiny.
- v) Relevant technical literature / catalogue showing technical details for individual items are to be provided.
- vi) The bidder shall submit the following documents along with the quotation for OIL's scrutiny,
 - a. Typical General layout drawing and P&I diagram.
 - b. Electrical schematic / single line diagram (SLD) of the complete EET system showing all the electrical components, along with a bill of materials (covering all the electrical components/items with basic ratings, make and model No. etc.) along with the bid for technical evaluation.
 - c. Electrical wiring diagram of the control panel.
 - d. Various Protection schemes of the EET unit.
 - e. Complete earthing schematic / Earthing layout of the EET Unit.
 - f. Protection scheme of the EET unit.

5.2 DOCUMENTATION WITH SUPPLY OF EQUIPMENT:

The successful bidder must provide the following documents to OIL and send the same **well ahead of delivery of the materials at site**. The Bidder to confirm the same in the technical bid

- i) The detailed foundation drawing of the Electrostatic Emulsion Treater Unit
- ii) Valid certifications from competent authority complying **Oil Mines Regulation-2017** for all

<p>the Instrumentation items used in hazardous area.</p> <p>i.(These documents shall also be submitted along with the offer for scrutiny.)</p> <p>iii)Instrument list, instrument data sheets, calibration reports, as built drawings, hookup drawings etc.</p> <p>iv)Bounded technical manual for the complete package of equipment covering the following details –</p> <p>a. List of all the supplied instruments.</p> <p>b. P&I diagram of the process.</p> <p>c. Loop drawing of the control panel.</p> <p>d. Operation and maintenance manual of each Instruments.</p> <p>e. The list of all the spares/ components indicating OEM's part.</p>	
<p><u>ITEM NO. 20</u></p> <p><u>INSTALLATION & COMMISSIONING: - QTY = 01 AU</u></p> <p>I. The detailed foundation drawing of the Electrostatic Emulsion Treater Unit shall be submitted to OIL 6 months before dispatch of unit, in soft and hard format enabling OIL to erect the foundation and allowing the proper curing time prior to placement of the unit on the foundation.</p> <p>II. OIL will provide necessary crane service for unloading the unit from trailer and placement of the unit on the foundation.</p> <p>III. On placement of the equipment on foundation by OIL, the supplier will be intimated to depute their representative/Service engineer. The supplier shall depute their representative/ service Engineer within 20 days after receipt of official intimation.</p> <p>IV. The supplier shall be responsible for all the jobs regarding installation of the unit and testing of other equipment as may be necessary for commissioning of the unit. However, all piping works for process fluid, preparation of foundation, placement of vessel, construction of shed, shall be in the scope of OIL.</p> <p>V. All the PPEs including helmet, shoes, eye protecting goggles, dungaree, hand gloves, electrical safety gloves etc. as required to the personnel engaged by the EET supplier for the installation and commissioning works shall be provided by the EET supplier.</p> <p>VI. ELECTRICAL EQUIPMENTS</p> <p>a. The complete electrical installation works including electrical wiring, glanding, cable termination etc. shall be done by the supplier.</p> <p>b. Installation of earth electrodes and connections etc. shall be done by the supplier. Earthing shall be done as per IS 3043.</p> <p>c. The complete electrical installation shall be done by competent electrical personnel who are fully conversant with the technicality of flameproof/explosion proof equipment and their proper glanding and termination. The electrical personnel should have valid Electrical Supervising License and should be conversant with the Electrical rules/regulations and International practices for installation of electrical equipment in hazardous area.</p>	

VII. INSTRUMENTATION & CONTROL PANEL

- a. The unit shall be complete with all necessary tubing and fittings.
- b. Supply of necessary erection hardware like armoured power and signal cables, junction boxes, galvanised cable tray, instrument mounting post, canopy etc as required is under bidder scope.
- c. The control panel (PLC) will be placed at a distance of 100 meter (approx) from the EET. The successful bidder needs to carryout erection and commissioning of the control panel including laying of armoured cable, cable tray etc.
- d. All field instruments should be mounted in 2 inch pipe with canopy.
- e. All the temperature sensors shall be provided with suitable thermo wells.
- f. All the pressure gauge, transmitters shall be provided with isolation valves.
- g. The successful bidder needs to construct a separate earth pit for Instrumentation system IS 3043. All the earthing systems components like earthing electrodes, earthing strips will be under the scope of supply of **Electrostatic Emulsion Treater Unit**.
- h. The cable used for wiring the control panel should be properly rated and insulation of which must stand the international rating. The end termination in the wires should also be done using suitable ratings lugs/connectors etc and proper cross ferruling for easy identification.
- i. Entry of cable to any instruments, panel, junction boxes etc should be done through double compression FLP cable glands.

VIII. The supplier has to finally undertake commissioning of the complete system by carrying out *functional test of all components & Performance Guarantee Test Run(PGTR)* of the unit *as detailed below* to the satisfaction of OIL.

- a. Performance Guarantee Test Run (PGTR) shall be carried out to evaluate the following performance guarantee, as mentioned in **1.0 (1.1) (SERVICE REQUIREMENTS)**, upto the satisfaction of Installation Manager of OIL.
 - To break oil water emulsion and separate water from oil efficiently to a level 0.15 % or less in the oil outlet and also gas (negligible amount).
 - While satisfying the above requirement, the oil content in water outlet should be 100 ppm or less and to arrest 99% of entrained liquid particles from the separated gas for the particle size upto 10 micron.
- b. Performance Guarantee Test Run (PGTR) shall be carried out for 10 days of continuous operation. Performance Guarantee Test Run (PGTR) shall be started when the operation of EET & accessories is stabilized under normal working conditions for 48 hours.
- c. Before commencing of Performance Guarantee Test Run (PGTR), Installation of the Equipment & accessories shall be complete in all respect and the Equipment shall be operated and controlled in accordance with set up procedures.
- d. During Performance Guarantee Test Run (PGTR), if any defects found in design, workmanship of EET or in any of the Mountings & Accessories, resulting in shutdown of Equipment or non-achievement of desired output of treated quality of crude oil and water as stipulated above in the point (a), supplier shall rectify the problem at his own cost.

<p>e. The system shall be tested again for faultless running for 48 hours and Performance Guarantee Test Run (PGTR) shall be carried out for 10 days of continuous operation from the date of restarting the PGTR after any shut down and/or any rectification carried out during PGTR due to non-achievement of desired output of treated quality of crude oil.</p> <p>f. The supplier should complete the Installation and Commissioning job of the equipment including successful performance Guarantee Test Run (PGTR) within a period of 6(six) months from the date of official intimation to depute their representative for Installation and commissioning.</p>	
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SPECIAL TERMS AND CONDITIONS

A. WARRANTY / GUARANTEE :

The bidder shall confirm that the goods, materials to be supplied shall be new, of recent make, of the best quality & workmanship. The bidder shall confirm that the materials shall be guaranteed for a period of 18 months from the date of dispatch or 12 months from the date of successful commissioning, whichever is earlier, against defects arising from faulty materials, workmanship or design. Defective goods / materials or parts notified by OIL to the Seller shall be replaced immediately by the Seller on FOR destination basis including payment of all taxes and duties at Seller's expense. This guarantee shall survive and hold good not-withstanding inspection, payment for and acceptance of the goods.

B. Manufacturer's working drawing should be sent to us for approval along with Quality Assurance Plan (QAP) prior to the commencement of manufacture/fabrication of the heaters.

C. All the welding shall be done as per ASME section IX. Suppliers shall confirm that all welding of shell, fire will be done by welders who are qualified under ASME boiler and pressure vessel code section- IX regulations. Documentary evidence in this regard shall be supplied by the bidder along with the bid.

D. The bidder shall clearly mention in the bid any deviation/modification from OIL's specification. The bidder must give special attention to carefully summarize the deviation/modification in a separate column in their offer document with a heading "DEVIATION/MODIFICATION". In case there are no deviations/modifications, "NO DEVIATION FROM ENQUIRY" should be mentioned in the same column.

E. The bidder shall confirm to supply all instrumentation items and flame arrestor as specified in the NIT along with the vessel. Offers (Part offers) not quoting all the items shall be liable for rejection.

F. **INSPECTION BY TPI:** Inspection by any one of the OIL approved 3rd party agencies i.e. M/s. I.R.S., M/s. Lloyds, M/s.Rites, M/s. Bureau Veritas, M/s. DNV & M/s. Tuboscope Vecto will be required. No TPI agencies other than those mentioned above will be acceptable to OIL. Third party inspection charges shall be quoted separately. The scope of work for the Third Party Inspection Agency will be as follows:

- To review qualification of the welder and welding procedure specifications (WPS) as per ASME code.
- To review and ensure use of raw materials as per purchase order. This may be done by reviewing original MTC or by chemical analysis and physical test.
- To ensure that the bidder complies with the requirement as stated in technical specifications for electrical & Instrumentation items.

- d. To review the stage wise inspection of sub assemblies viz. inlet and outlet, mist extractor assembly, dished end, companion flanges etc. before final assembly.
- e. To review the radiography film of weld joints as per ASME code and heat treatment chart.
- f. To witness final dimensional inspection and ensure proper workmanship.
- g. To witness hydro test of the vessel and fire tube.
- h. The above inspection is for general guide line only. If third party desire to carry out any additional inspection as per the scope of API Specification 12L, ASME SEC VIII, DIV-I & II in respect to fabrication of the EET, and the same should be included under intimation to OIL.
- i. To document and issue inspection certificate.
- j. To certify that heat resistant anticorrosive paint has been applied in the interior by the manufacturer.

G. INSPECTION BY OIL: In addition to the inspection carried out by TPI agencies, OIL may depute its engineer for final inspection of the vessel with full instrumentation system and other accessories fitted to the vessel at the supplier's works before dispatch. The supplier will have to arrange for the same giving minimum 15 days prior intimation to OIL.

H. Installation & Commissioning :

- a. The successful bidder will be required to install and commission the Electrostatic Emulsion Treater Unit as indicated in the tender document vide **Item no. 20** of technical specification.
- b. Installation/ Commissioning charges must be quoted separately (and should not be clubbed together with main equipment) on lumpsum basis which shall be considered for evaluation of the offers. Total Nos. of days required for commissioning shall also be clearly indicated by the bidders.
- c. While quoting Installation/Commissioning charges above, bidder should take into account all charges including to and fro fares, boarding/lodging, local transport at Duliajan, Assam and other expenses of supplier's personnel during their stay at Duliajan. OIL may provide accommodation on Chargeable basis subject to availability.

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions of NIT.

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for **SDI1904P20**. The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section: 1 -Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.
2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.

ANNEXURE- DDD

3. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section: 2 -Commitments of the Bidder/Contractor

(1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

(3) The Bidder/Contractor signing Integrity Pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter.

Section 3 -Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.
2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.
3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.
4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.
5. Integrity Pact, in respect of a particular contract, shall be operative from the date Integrity Pact is signed by both the parties till the final completion of the contract **or as mentioned in Section 9- Pact Duration whichever is later**. Any violation of the same would entail disqualification of the bidders and exclusion from future business dealings

Section 4 -Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to Earnest Money Deposit / Bid Security.

(2) If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3, the principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to Security Deposit / Performance Bank Guarantee.

3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

1. The Principal will enter into Pacts on identical terms with all bidders and contractors.

2. The Bidder / Contractor undertake(s) to procure from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the provisions laid down in this agreement/Pact by any of its sub-contractors/sub-vendors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section: 8 -External Independent Monitor/Monitors

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Independent External Monitor shall give an opportunity to the bidder / contractor to present its case before making its recommendations to the Principal.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to

him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

Section:9 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section:10 -Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi. The Arbitration clause provided in the main tender document / contract shall not be applicable for any issue / dispute arising under Integrity Pact.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

R BARMAN
DGM (IP)

.....
For the Principal

.....
For the Bidder/Contractor

Witness 1:

Witness 2:

Place. DULIAJAN
Date . 09.07.2019

Technical Bid Checklist**Annexure-EEE**

Tender No.			
Bidder's Name :			
BEC / TENDER REQUIREMENTS		Compliance by Bidder	
SL. NO.		Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Confirm that validity has been offered as per NIT.		
2	Confirm that Bid Security / Earnest Money has been submitted as per NIT (Wherever Applicable) ?		
3	Confirm that you shall submit Performance security (in the event of placement of order) (Wherever Applicable) ?		
4	Confirm that duly signed Integrity Pact has been submitted as per NIT (Wherever Applicable) ?		
5	Confirm that you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)		
6	Confirm that you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.		
7	Confirm that the bid has been signed using Class 3 digital certificate with Organisation's Name as per NIT.		
8	Confirm that you have not taken any exception/deviations to the NIT .		

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory execution of the purchase order cited above.

Response Sheet**Annexure-FFF**

Tender No.
Bidders Name

Bidders Response Sheet

SI No.	Description	Remarks
1	Place of Despatch	
2	Whether Freight charges have been included in your quoted prices	
3	Whether Insurance charges have been included in your quoted prices	
4	Make of quoted Product	
5	Offered Validity of Bid as per NIT	
6	Bid Security Submitted (if applicable)	
6	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
7	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
8	Integrity Pact Submitted (if applicable)	
9	Whether you have submitted documentary evidence of successfully executing one Purchase order as stipulated in NIT in any of the preceding 5 financial years (*)	
10	Whether you have submitted Balance Sheet and Profit and Loss Account of any of the preceding 3 financial years certified by a chartered accountant.	
11	Delivery Period in weeks from placement of order	
12	Complied to Payment terms of NIT (if applicable) otherwise to Standard Payment Terms of OIL or not.	
13	If bidder is MSE whether you have quoted your own product	
14	If Bid security submitted as Bank Guarantee, Name and Full Address of Issuing Bank including Telephone, Fax Nos and Email id of branch manager	

NOTE: Please fill up the greyed cells only.

(*) Purchase Orders along with copies of any of the documents in respect of satisfactory execution of the Purchase Orders should be submitted – (i) Satisfactory Inspection Report (OR) (ii) Satisfactory Supply Completion / Installation Report (OR) (iii) Consignee Receipted Delivery Challans (OR) (iv) Central Excise Gate Pass / Tax , Invoices issued under relevant rules of Central Excise / VAT (OR) (v) any other documentary evidence that can substantiate the satisfactory

**(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETTER HEAD)
(ALL FIELDS ARE MANDATORY)**

Tender No. :.....
Name of Beneficiary :M/s.....
Vendor Code :.....
Address :.....
.....
Phone No. (Land Line) :.....
Mobile No. :.....
E-mail address :.....
Bank Account No. (Minimum
Eleven Digit No.) :.....
Bank Name :.....
Branch :.....
Complete Address of your
Bank :.....
IFSC Code of your Bank
a) RTGS :.....
b) NEFT :.....
PAN :.....
VAT Registration No. :.....
CST Registration No. :.....
Service Tax Registration No. :.....
Provident Fund Registration :.....

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

Office Seal

.....
Signature of Vendor

**Counter Signed by Banker:
Seal of Bank:**

Enclosure: Self attested photocopies of the following documents-

- 1) PAN Card
- 2) VAT Registration Certificate
- 3) Service Tax Registration
- 4) CST Registration
- 5) Provident Registration Certificate
- 6) Cancelled cheque of the bank account mentioned above (in original).
- 7) Bank Statement not older than 15 days on the date of submission.