



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

TELEPHONE NO. (91-374) 2808735

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**FORWARDING LETTER**

**Tender No. : SDI6985P22/P6 dated 13.05.2021**

**Tender Fee : NIL**

**Bid Security : Not Applicable**

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

**Bid Closing on : 17.06.2021 (at 11:00 Hrs. IST)**

**Bid Opening on : 17.06.2021 (at 14:00 Hrs. IST)**

**Tender Type : Open Tender**

**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 [www.oil-india.com](http://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 **PROCUREMENT AND INSTALLATION AND COMMISSIONING OF 4000 GPM CAPACITY FIRE FIGHTING PUMP SET FOR CMT APPLICATION – QTY = 02 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.

**This Tender has been floated for participation of Indigenous bidders only. Hence, only Indigenous bidders are eligible to participate against this tender.**

**Consortiums/Joint venture entities are not eligible to participate against this tender.**

**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/ 2807171/ 2807192/2804903.** Email id = [erp\\_mm@oilindia.in](mailto:erp_mm@oilindia.in); [esupport@oilindia.in](mailto:esupport@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 :**

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

- 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 – I**.
- 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”

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**Special Notes:****1.0****(I)**

- 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) **The bidder claiming as MSE status (MSE-General, MSE-SC/ST, MSE - Woman) against this tender has to submit valid “Udyam Registration No” ( URN) as per Gazette notification no CG-DL-E-26062020-220191 dated 26.06.2020 issued by MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES. The existing enterprises registered under EM- Part-II or UAM till 30<sup>th</sup> June, 2020, shall continue to be valid only for a period up to the 31<sup>st</sup> day of March, 2021.**
- d) **MSE Units** (Manufacturers/Service Providers only and not their dealers/distributors) 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 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 misrepresentations or attempts to suppress facts in the self-declaration, the bidder shall be liable to penalty as specified under section 27 of the Act.**

- e) 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).**

(II)

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 alongwith 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.

- 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”.**
- 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 **CGM-Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam** on or before the Bid Closing Date and Time 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 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:**

- 1. **Shri Sutanu Behuria, IAS (Retd.),**  
E-mail: [sutanu2911@gmail.com](mailto:sutanu2911@gmail.com)
- 2. **SHRI OM Prakash Singh, IPS (Retd)**  
Former DGP Uttar Pradesh

3. SHRI RUDHRA GANGADHARAN, IAS (RETD.)

Ex-Secretary, Ministry of Agriculture

E-mail ID: [rudhra.gangadharan@gmail.com](mailto:rudhra.gangadharan@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 Bidders are requested to refer to the enclosed **Annexure – BBB** for the Taxes and Duties clauses under GST regime.

**14.0 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 name of OIL's current authorized transporter is:  
a) M/s Western Carriers (India) Ltd.

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

- 15.0 While submitting the offers bidders are requested to refer to the enclosed **Annexure – BB (Price Bid Format and Evaluation Criteria)**.
- 16.0 **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.**
- 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 **ONLINE VIEWING OF PRICE BY BIDERS:** 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.

- 19.0 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.

**20.0 PBG UNDERTAKING FORM:**

In the event of award of purchase order against this tender, the successful bidder **must comply with the stipulations** of the enclosed **"PBG UNDERTAKING FORM - ANNEXURE-M"** and **submit it duly filled-in along-with their PBG (Performance Bank Guarantee).**

- 21.0 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.

- 22.0** Bidders must fill-up and submit alongwith their bid the **BID SECURITY DECLARATION** as per enclosed **Annexure-O**.

**23.0 TAX COLLECTED AT SOURCE(TCS):**

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 slating 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
- d. 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.

#### **24.0 Price Breakup:**

Bidders should submit the price breakup of all the items as per “**Annexure HHH**” which has been uploaded under “Notes & Attachments” > “Attachments” as shown below. The price breakup “Annexure HHH” should be filled up, signed and uploaded under “Notes & Attachments” > “Attachments” only. **The filled up price breakup of all the items should not be uploaded in Technical Attachment.**

#### **25.0 PRE-BID CONFERENCE:**

**a) A Pre-Bid Conference is planned to be held at Field Engineering Department, Oil India Limited, Duliajan, Assam-786602 on 31.05.2021** to explain the requirements of Company in details to the interested prospective Bidders and to understand bidders’ perspective including exchange of views/clarifications, if any, on the Scope of Work, Bid Rejection/Bid Evaluation Criteria and other terms & conditions of the Tender. Bidders interested to attend the pre-bid conference as above must contact/ communicate with Manager Materials (IP), Oil India Limited, P.O. Duliajan–786602, ASSAM, Phone: 91-374-2808735, 9706045445, E-mail: [manish\\_chowdhury@oilindia.in](mailto:manish_chowdhury@oilindia.in) well in advance (**before 25.05.2021**) regarding the exact date, venue & other related details.

**b) Maximum two (2) representatives from each prospective bidder (authorized to participate in the tender), shall be allowed to participate in the pre-bid conference. All costs associated to attend the pre-bid conference by their representatives shall be borne by the interested Bidders.**

**c) The prospective bidders may submit their queries, if envisaged against the tender conditions any, through e-mail/fax/letter to the above mentioned address at least one week prior to the date of pre-bid conference. OIL expects that the Bidders should comply to the tender conditions in toto. However, clarifications/exceptions/deviations, if required any, should be brought out by the bidders prior to or during the Pre-Bid Conference only. After processing these suggestions, as a sequel to the pre-bid conference, Company shall communicate the changes in this regard, if agreed any, through an addendum to tender document in e-portal.**

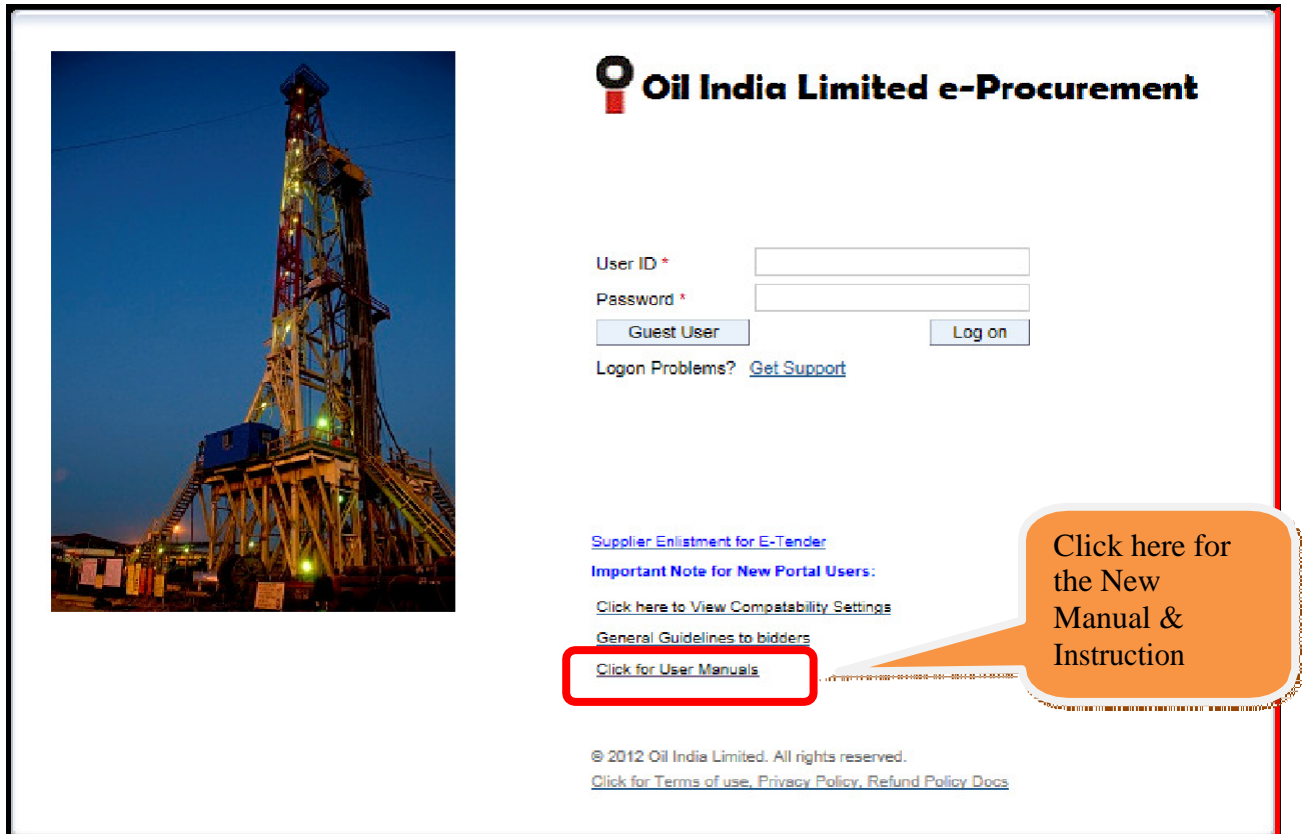
**26.0 BIDDERS TO NOTE THAT “ANNEXURE-L” INCORPORATING THE “DOCUMENT VERIFICATION CLAUSE” HAS BEEN ATTACHED HEREWITH. ALL BIDDERS MUST COMPLY WITH THE STIPULATIONS OF THE “DOCUMENT VERIFICATION CLAUSE” WHILE SUBMITTING THEIR OFFERS AGAINST THE TENDER.**



27.0 **PP-LC Policy:**

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.

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 \*

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[General Guidelines to bidders](#)

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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 terms and conditions of the NIT.**

**Yours Faithfully**

**Sd-  
(M K CHOWDHURY)  
MANAGER MATERIALS (IP)  
FOR GM-MATERIALS (HoD)**

**Tender No & Date: SDI6985P22/P6 dated 13.05.2021**

**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><b>I. BID REJECTION CRITERIA (BRC):</b></p> <p>The bids must conform to the specifications and terms and conditions given in the enquiry. Bid shall be rejected in case the item(s) offered do not conform to the required parameter 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 requirement shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.</p> <p><b>A) TECHNICAL:</b></p> <p>Bidder must confirm that the items supplied shall be brand new, unused and free from any defect. Defective item, if any, shall be replaced by the bidder at their own cost.</p> <p>1.0 The offered pump must be FM approved and UL listed Horizontal Split Casing Centrifugal Pump, with an efficiency of 70% or higher, suitable for continuous duty, meeting delivery parameters in the range of 4000 +-5% GPM and 400 feet head respectively. Documentary evidence in support of FM approval &amp; UL listing is to be submitted along with the offer. In support of the technical parameters of the offered model of the pump, performance curve, technical literature from OEM of the pump must be submitted along with offer.</p> <p>1.1 The offered model of engine must be FM approved and UL listed dedicated by the OEM for firefighting duties. It should conform to ISO 3046 / BS 5514 / IS10000 specifications. It should be rated for continuous power and should have 10% reserve horse power in excess of the net minimum BHP requirement of the pump input</p>	

when running at rated rpm. Documentary evidence in support of FM approval & UL listing is to be submitted along with the offer. In support of technical parameters of the offered model of the engine, technical literatures from the OEM of the engine must be submitted along with the offer.

- 1.2 The offered controllers for the pump set should be FM approved and UL listed. Documentary evidence to this effect must be submitted. Without which the offer will be rejected.

## **2.0 Bidder's Experience:**

- 2.1 The bidder shall be an Original Equipment Manufacturer (OEM) of high Discharge Fire fighting pump of minimum capacity 2000 GPM.

**OR**

The bidder shall be an Authorized Dealer of OEM for high Discharge Fire fighting pump of minimum capacity 2000 GPM.

**OR**

The bidder shall be an (OEM) approved Assembler of high Discharge Fire fighting pump set of minimum capacity 2000 GPM.

- 2.2 a) In case the bidder is an OEM of the pump or an authorized dealer of OEM for the pump, the engine must be purchased from an OEM or their authorized dealer only.

**OR**

In case, the bidder is an OEM approved assembler of pump sets, the pump and the engine must be purchased from OEM or their authorized dealer only. OEM approved Assembler should indicate that necessary infrastructural facilities for fabrication and load testing of the pump set are available with them. Documentary evidence in this regard must be enclosed with the offer failing which the offer will be rejected.

- 2.2 b) In case, the bidder is an Original Equipment Manufacturer (OEM) of the item, the bidder shall have the experience of successfully executing at least 1 (one) "**similar order**" in last 5 (five) years preceding from the original bid closing date of the tender (either by themselves or through their authorized dealer)

### **2.3 For bidders other than the OEM, the following criteria shall be met by the bidder:**

- 2.3 a) Bidder shall submit along with the bid, a valid Authorization / Dealership Certificate from the OEM with back up service guarantee in original for offering their respective products which shall be valid during entire execution period of the order, in the event of placement of an order on the bidder.

- 2.3 b) The Bidder shall categorically confirm execution of at least 1 (one) "similar order" by OEM of the offered product who meets the qualification requirements stipulated under clauses 2.2 above. The experience in this regard shall be of the OEM or through the OEM's authorized dealer.

**Note:**

- (A) "**Similar order**" as above means supply and commissioning of at least 01 no. of Diesel Engine driven continuous duty high discharge Fire fighting pump set of minimum capacity 2000 GPM to any Central/State Govt. Organization/PSU/Public Limited company.
- (B) Documentary evidence in respect of clauses 2.2 b) and 2.3 b) above should be submitted in the form of copies of relevant Purchase Orders along with copies of any of the following documents in respect of satisfactory execution of each of those Purchase Orders, such as -
- i. Satisfactory Supply Completion / Installation /Commissioning certificate (OR)
  - ii. Consignee Received Delivery Challans (OR)
  - iii. Central Excise Gate Pass / Tax Invoices issued under relevant rules of Central Excise/GST (OR)
  - iv. Any other documentary evidence that can substantiate the satisfactory execution of the purchase order.
- (C) The purchase order date in this regard need not be within 05 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 05 (five) years preceding original bid closing date of this tender.
- (D) Satisfactory supply Completion certificate (if submitted) shall be issued on client's official letterhead with signature.

**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 **INR 5.82 crores**.

b) Net Worth of the firm should be Positive for preceding Financial / Accounting year (FY: 2020-2021).

**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) 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.

**iii) Performance Security:**

The successful bidder shall submit Performance Security as given below:

The successful bidder shall submit Performance Security @ 3% of PO/Contract Order value within 30 days of receipt of the formal purchase order/contract 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 dispatch within stipulated delivery period and conformation to all terms and conditions of order. In case of any delay in dispatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.**

**However, PBG will be applicable only if value of Purchase Order exceeds INR 5(five) Lakhs.**

**NOTE:**

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 issuing Bank branch must ensure the following:  
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 HDFC Bank, Duliajan Branch, IFS Code – HDFC0002118; SWIFT Code - HDFCINBBCAL.**

**Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN – 786602.”**

iv) 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.

v) 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.

vi) 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.

vii) **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.**

viii) Price should be maintained in the “online price schedule” only. The price submitted other than the “online price schedule” shall not be considered.

**ix) 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) In case the Party refuses to sign the Integrity Pact.**
- (c) Annual Turnover of a bidder lower than the Annual turnover mentioned in the Tender.**

**x) DELIVERY:**

**For Supply:** Within 15 (fifteen) months (maximum) from the date of receipt of purchase order.

**For Installation & Commissioning:** Within 03 (three) months after receipt of site clearance from OIL.

## **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. **The original Bid Closing Date shall be considered by OIL for evaluation of BRC criteria even in case of any extension of the original Bid Closing Date.**

### **A) TECHNICAL:**

The bids will be evaluated strictly as per NIT specification, terms & conditions.

### **B) COMMERCIAL:**

i) To evaluate the inter-se-ranking of the offers, all Taxes / Levies will be considered as per prevailing Govt. guidelines as applicable on the bid opening date. Bidders may check this with the appropriate authority before submitting their offer.

ii) 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".

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

iv) 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 terms and conditions of the NIT.**

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**TECHNICAL SPECIFICATIONS WITH QUANTITY**

Tender No &amp; Date: SDI6985P22/P6 dated 13.05.2021

<b>MATERIALS DESCRIPTION</b>	<b>Complied / Not Complied. (Remarks if any)</b>
<p><b><u>ITEM NO. 10</u></b></p> <p><b>1.0 DETAILED TECHNICAL SPECIFICATION OF 4000+-5% GPM (15140+-5%) LPM DIESEL ENGINE DRIVEN FIRE PUMP SET (QTY = 02 Nos.)</b></p> <p><b>A. PUMP :</b></p> <p><b><u>SPECIFICATIONS:</u></b></p> <ol style="list-style-type: none"> <li>a) Type: Horizontal Split Casing Centrifugal Pump</li> <li>b) Stage: Single</li> <li>c) Capacity: 4000 GPM (US) <math>\pm</math> 5%</li> <li>d) Head: 400 feet (121.92 meters)</li> <li>e) Liquid to be handled: Water with specific gravity 1.00</li> <li>f) Duty: Continuous</li> <li>g) Negative suction head (Suction lift): 12 feet minimum</li> <li>h) Maximum allowable Speed of the Engine: 2100 RPM</li> <li>i) Efficiency: 70% or higher</li> <li>j) Use: Pump will be used for firefighting purpose in oil well blowout and fire in different locations as and when required.</li> <li>k) Mounting: To be mounted on an oil field type portable robust skid for easy lifting to different locations.</li> </ol> <p><b><u>NOTE:</u></b></p> <ul style="list-style-type: none"> <li>• The Pumps shall be FM approved and UL listed and shall be dedicated by OEM for firefighting applications.</li> <li>• At 150% of rated flow, head should not be less than 65% of rated head.</li> <li>• Pump shut off head should not exceed 140% of rated head.</li> <li>• Pump hydro test pressure should be min 250 psi or 1.5 times to working pressure whichever is greater for 5 minutes.</li> <li>• Pump must be capable of discharging 4000 GPM (US) +-5%, at a head of 400 ft continuously.</li> </ul> <p><b>B. <u>PRIME MOVER:</u></b></p> <p>The engine shall be a FM approved and UL listed, compression ignition four stroke, naturally aspirated or turbocharged diesel engine, rated for continuous power, having 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm, at the site conditions given below, shall be dedicated by OEM for firefighting applications.</p> <p>Make: Caterpillar, Cummins, Detroit Diesel, Kirloskar or Clarke.</p>	



Ambient Temperature Maximum : 450 C

Ambient Temperature Minimum : 50 C

Maximum Relative Humidity at 350 C: 95%

Maximum altitude above mean sea level: 150 M

The Fuel to be used by the prime mover: HSD Fuel conforming to IS: 1593-1982

The engine shall conform to relevant Indian emission standards or equivalent international emission standards for off-road diesel engines applicable at the time of tender.

The engine shall comprise of the following sub systems:

I. COOLING SYSTEM, with standard accessories.

a) Heat exchanger

II. AIR INTAKE SYSTEM, comprising of standard accessories.

a) Air intake manifold : Engine mounted

b) Air Intake Filter: Engine mounted

III. STARTING SYSTEM

Air starting system comprising of the following accessories shall be provided in the engine as primary starting system.

a) Suitable air starter with necessary connection, pipe fittings and other necessary accessories within the skid of the engine.

# NB: Additionally Electric starting system comprising of maintenance free Battery, Starter & Charging system of reputed make shall be fitted to the engine with proper enclosure for battery as a backup system in operational exigency.

IV. EXHAUST SYSTEM, shall be comprising of

a) Turbocharger: Engine mounted (in case of turbocharged engine)

b) Exhaust Silencer: Residential type with Spark Arrestor suitable for using in hazardous area

c) Flexible connection.

V. FUEL SYSTEM, with standard accessories.

a) Fuel tank built within the oil field skid (base frame) complete with valve, inlet and outlet connection along with fuel tank level indicator/gauge and fuel delivery line to fuel pump.

b) Suitable engine governing system.

NOTE: The fuel tank should be large enough to hold fuel for at least 8 (eight) hours continuous operation of the engine on full load.

VI. LUBRICATING SYSTEM, with standard accessories.

VII. INSTRUMENT PANEL: Engine mounted comprising of

a) Digital Tachometer & Hour Meter

b) Lube Oil Pressure and temperature Indicator

c) Water Temperature Indicator

d) Switch for electric start and also the Air Starter Activating Switch.

- e) Emergency Shut Down Knob
- f) Fuel Tank level indicator

VIII. SAFETY CONTROLS: Minimum Safety control devices to protect the engine against the following occurrences should be provided.

- a) Low lube oil pressure
- b) High water temperature
- c) Over speed

Note: The Over Speed Shut down with manual reset should be provided.

#### IX. OTHER FEATURES

- a) Lifting Eyes
- b) SAE standard rotation
- c) Electronically governed engine and the speed is to be set up in the engine computer.

#### C. DIESEL ENGINE CONTROLLER:

- a) UL Listed and FM approved
- b) Having NEMA 2 (IP 55) enclosure (minimum)
- c) Mounted with pressure switch, drain valve and pressure recorder
- d) Provisions for battery charging, battery monitoring, failure alarm for low oil pressure, high water temperature, charger failure, failed to start, engine over speed etc.
- e) Control panel must be powered by engine battery i.e. DC power supply.
- f) Engine Fault Diagnostic & Repair Tool (both Software and complete Hardware) shall be supplied along with the unit. Bidder shall categorically confirm in the bid that the offered software is for the particular engine model.

Note: 1.0 Bidder to provide technical details of ECM based Diesel Engine Controller along with the offer.

#### D. GENERAL CONDITIONS:

- a) The engine should conform to either ISO 3046 / BS 5514 / IS10000 specifications and should be rated for continuous power with an over load power rating of 110% of the continuous power corresponding to engine application, for a period of 1 hr. within a period of 12 hrs. of operation.
- b) BHP calculation for the engine should be made based on 150% of rated capacity.
- c) Along with supply, supplier shall submit the following information along with relevant performance rating curves and engine product catalogues:
  - i. Gross HP developed at selected RPM
  - ii. Deduction for blower fan and other ancillary equipment.
  - iii. Net HP developed at selected RPM
  - iv. Specific fuel consumption at rated power as well as 110%, 75% and 50% of rated load.
- d) The engine shall be tested at Manufacturer's works and relevant test certificate in this regard has to be submitted along with delivery documents. The same has to be shown at

the time of pre dispatch inspection.

e) Performance chart of the centrifugal pump indicating capacity, head, efficiency, size of impeller etc., as well as all technical calculations for BHP, NPSH requirement etc. should be forwarded along with the offer.

f) The engine shall be connected to the horizontal shaft of the pump by means of a propeller drive shaft coupling listed for this service. The drive shaft shall be directly attached to the engine flywheel adapter or stub shaft for transmission of power.

g) Engine & pump must be brand new and in unused condition. No reconstructed / rebuilt items will be acceptable.

h) Commissioning spares for the complete pump set shall be offered along with the main offer. Cost of these shall be considered for evaluation of the tender. The items shall be handed over to OIL after commissioning, if unused.

i). All Technical details of the engine, pump & control system are to be provided along with the offer.

j) Any item / point not included in the specification but necessary for the efficient operation the pump set should be offered as optional.

k) Priming pump: A suitably selected priming system including all necessary pipe fittings should be connected to the main centrifugal pump to assist during start up. The priming pump should be driven by the same diesel engine, which drives the main centrifugal pump through the provisions of mechanical driving arrangement. Electrical prime mover for priming pump is not acceptable. All the items of the priming system must be fixed up in the same skid. The details of the pump such as make, model etc. including spares necessary along with the arrangement drawing should be forwarded along with the offer.

#### l) Suction & Delivery connection

A suitably sized suction and discharge manifold suitable for suction and discharge working pressures and discharge capacity of the pump shall be supplied along with the centrifugal pump sets.

The Suction Manifold shall be having suitable numbers of inlets of 6 inch size fitted with Butterfly valves & Hammer Unions with equal numbers of 20' (twenty feet) long suitable hydraulic Hoses with strainer and foot valves, preferably of PVC material.

The Discharge Manifold shall be having suitable numbers of inlets of 4 inch size fitted with Butterfly valves & Hammer Unions with equal numbers of 20' (twenty feet) long suitable hydraulic Hoses. Heavy duty liquid filled industrial type Pressure gauge having range of 0 to 500 PSI with dampening mechanism to minimise fluctuations should be fitted at a suitable position of the manifold.

Note: The accessories such as hammer unions, suction hoses, delivery hoses, butterfly valves and pressure gauges should be of reputed make, conventionally used for similar

applications and detailed specification of these items including their make should be provided along with the offer.

m) SKID: All of the equipment of the pump package shall be mounted on an open structural steel base plate. All piping must be firmly anchored to the steel base by means of flange, saddle, or clamp supports as required.

Size:

(a) (Length X Breadth X Height): (9.00 M X 2.6 M X 3.2 M) Maximum allowable size

(b) Total allowable weight of equipment 30 Tonnes (maximum)

(c) Length of the skid shall be one meter longer than the overall length of the equipment.

All the equipment and other accessories should be unitized and mounted on a suitable 4 (four) runner portable oil field type robust skid for convenience of transportation and durability. Easy approach to various components for maintenance aspects should be kept in mind during unitizing. The floor of the skid should be covered with anti skid checkered steel plates of minimum 12 mm thickness. The skid should be fabricated out of properly sized beams to withstand loading / unloading and transfer in oil field trucks as well as air lifting. The size of the skid should be adequate enough to provide for sufficient working space in and around the pump set. The skid should be painted by fire red paint.

If required, for ease of transportation the skid may be split into maximum 3 (three) independent skids with suitable runner system without affecting alignment of any of the equipment or accessories and preferably with flexible joints between piping/manifold etc. placed at different skids.

n) Proper guard should be placed over the drive shaft coupling and the guard should be suitably anchored to the oil field skid.

o) Both the Diesel Engine & Centrifugal Pump should be painted with Fire Red Enamel paint.

p) Bidders must submit along with the offer filled in DATA SHEET as per Annexure - I and Technical checklist as per Annexure- II enclosed with the enquiry.

q) The bidder shall categorically mention that after sales service with respect to the pump set shall be provided by their respective OEM's or authorized dealers during commissioning as well as subsequent operational period of the pump sets. Bidders should also indicate their nearest authorized service centre.

r) The bidder must submit a written undertaking that they would be able to supply all the requisite spares and consumables for a minimum period of 10 years from the date of commissioning of the unit. OEM's undertaking must be forwarded for the items not manufactured by the bidder.

**E. TOOL BOX:**

Tool box with all the necessary tools for maintenance of Pump and Engine along with special tools, if any, must be supplied along with the pump set. All tools shall be of non-sparking type.

**F. SPARES**

Bidder shall have to provide the unit price, along with the part numbers, of the following insurance spares. But the price must hold for a period of two years from the date of opening of commercial bid. The cost of these spares shall however not be considered during commercial evaluation of the offer.

**CENTRIFUGAL PUMP**

Insurance spares

- a) Pump Casing Upper Half
- b) Pump Casing Lower Half

**DIESEL ENGINE**

- a) Cylinder Head including Head Gasket
- b) Cylinder liner
- c) Piston Assembly including Piston Rings
- d) Main and Big End Bearing Set.
- e) Camshaft
- f) Crankshaft
- g) Radiator/Heat exchanger

**G. SPARE PARTS TO BE SUPPLIED ALONG WITH THE PUMP SET:****i.) Commissioning Spares:**

The supplier has to supply all the spare parts required for initial commissioning of the units.

**ii) Operationally critical spares.**

The supplier shall supply the following operational critical spares along with the supply of the unit, 01 set for each pump set

**Centrifugal Pump:**

- o Gland packing - 10 sets
- o One set of 6" X 20 feet long Suction hose with strainer & foot valves.
- " One set of 4" X 20 feet long Discharge hose.
- o One set propeller drive shaft coupling with finished bore to match with pump shaft.

**Diesel Engine:**

- o Air filter - Two sets
- o Fuel filter - Five sets
- o Lube oil filter - Five sets
- o Air starter - One no.
- o Electric starter -One no.
- o V belt - Five sets
- o Coolant: Sufficient for one complete refilling

**Instrumentation:**

- " One set of instrumentation spares along with controller spare parts.

Any other operationally critical spare recommended by corresponding equipment OEM

**Note:**

1. Bidders shall have to provide the unit price, along with the part numbers, of the above spares. The cost of these spares shall be considered during technical / commercial evaluation of the offer.
2. One set means total no per unit.

iii). Bidder shall also quote separately for any additional recommended spare parts with similar details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in the above list for future reference / procurement. However, these additional spares as suggested by the bidder will not be considered for bid evaluation purpose.

**H. GENERAL NOTES:**

1.0 The supplier should provide 4 (four) sets of parts catalogue (Preferably OEM part no. with detail contact address), operation & maintenance manual for all the items of each pump sets such as engine, pump, control system, propeller drive shaft coupling, alignment tool & its accessories and 4 sets of CDs covering the above along with the delivery of the material. The operation and maintenance manual should also contain details of all sub assemblies, instrument sensors, wiring diagram hydraulic schematics etc. with colour code and entire requisite spare parts with part no.

2.0 The necessary licensed software for controller, if any, in original packages along with LAPTOP of required configuration having user software backups are also to be supplied.

**3.0 Pre-despatch Inspection and testing:**

The pump set unitized with the supplied engine shall be inspected by OIL's deputed engineer at manufacturers' works / factory prior to dispatch. However, such inspection will not relieve the supplier of his responsibility to ensure that the equipment supplied conforms to the correct specifications and is free from manufacturing and all other defects.

The fire pump set will be factory performance tested in accordance with the requirements of FM and UL. The inspection shall include performance / full load test as well as NPSH tests of the pump in unitized condition in presence of OIL's deputed representative. The pump sets shall be cleared for dispatch only after satisfactorily carrying out the tests specified above. Test certificates in respect of pump, engine and controllers shall have to be forwarded along with delivery of material.

Note: Charges for carrying out the above tests at the manufacture's facility should be included in the purview of the offer.

**4.0 Warranty:**

The offered engine, pump and all ancillary equipment must be under warrantee for a minimum period of 18 months from the date of dispatch / shipment or 12 months from the date of successful commissioning of the complete unit at site, whichever is earlier. Defective goods / materials notified by OIL must be replaced immediately by the seller.

<p><b>5.0 Installation &amp; Commissioning:</b> The pump sets shall have to be commissioned by competent personnel at OIL's head quarter Duliajan, from the respective OEM's of the Pump &amp; Engine deputed by the bidder for the same. OIL shall provide necessary local transportation for the commissioning personnel to and from site. INSTALLATION &amp; COMMISSIONING charges must be quoted separately on lump sum basis, which shall be considered for evaluation of the offer. OIL may provide accommodation on chargeable basis subject to availability. Necessary Fittings, tools and accessories etc. if any, required for commissioning must be brought for the same by the supplier's personnel.</p> <p><b>6.0 Training:</b> After Installation &amp; Commissioning of the units, necessary training shall be provided by the supplier /OEM to OIL's personnel on Operation &amp; Maintenance of the Pump Units and use of Diagnostic tools etc at Commissioning site.</p>	
<p><b><u>ITEM NO. 20</u></b></p> <p><b><u>INSTALLATION &amp; COMMISSIONING - QTY = 01 AU</u></b></p>	

**TENDER SPECIAL NOTES:**

**1. GENERAL/COMMON NOTES:**

- i. The bidder shall confirm that the all equipment & materials for the SPF 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 12 months from the date of commissioning of the SPF unit at Fields, 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 notwithstanding inspection, payment for and acceptance of the goods.
- ii. Manufacturer's working drawings for all equipment and layout diagram should be sent to OIL for review along with Quality Assurance Plan (QAP) prior to the commencement of manufacture/ fabrication of the equipment. The Bidder shall confirm the same in their technical Bid.
- iii. All the welding (separators, manifold, bath heaters, tanks etc.) shall be done as per ASME section IX and will be done by welders who are qualified under ASME boiler and pressure vessel code section- IX regulations. The Bidder shall confirm the same in their technical Bid.
- iv. Stress relieving of the fabricated Equipment i.e. pressure vessels, manifold, fire tubes in bath heaters etc. shall be required. Stress relieving operations are to be conducted in automatic temperature-controlled furnace. The Bidder shall confirm the same in their technical Bid.
- v. All the equipment should be hydraulically tested to the pressure specified in the submitted and reviewed drawings & technical specification. The Bidder shall confirm the same in their technical Bid. The hydraulic test certificates should be submitted along with supply.

- vi. All welding joints in all equipment should be tested 100% radiographically as per applicable standard. The Bidder shall confirm the same in their technical Bid.
- vii. Radiographic test report should be produced to OIL's inspectors while inspecting and subsequently to be provided with supply of the materials. The supplier has to keep available a radiographic viewer at the manufacturing site for viewing of film.
- viii. In the event of order, supplier to submit API certificates of valves if asked for.
- ix. The Vendor has to build facility set up for flaring of produced gas. The company will provide requisite land and ROW/ROU for setting up flare pit at a suitable distance as per statutory norms.
- x. The Vendor shall make themselves available for a joint discussion with OIL at Duliajan to formulate pre job planning after the award of Order.
- xi. The bidder must submit a written undertaking along with the technical bid that they would be able to supply all the requisite spares and consumables (including bought out items) for a period of 10(ten) years from the date of receipt of the items at site.
- xii. MARKING: Each equipment shall be supplied with a name plate with each containing Manufacturer's name, Manufacturer's Identification and/or Serial number, Manufacturing Standard, Date of Manufacturing, Testing Parameters i.e. date, pressure etc., OIL's Purchase Order No., all Operating Parameters i.e. capacity, pressure etc. Vessels should be U-stamped as per ASME standard.
- xiii. PAINTING: All equipment shall be painted externally using anti corrosive paint followed by application of enamel paint/ aluminum paint. Internal of the equipment shall be properly cleaned followed by heat resistant paint as per requirement and type of equipment.

## 2. **BID ENCLOSURES:**

The bidders must furnish the following information as enclosures in their bids for each equipment:

- i. Relevant technical literature/ catalogue showing technical details for each individual equipment is to be provided.
- ii. Typical layout drawing showing all the equipment quoted including general layout & P&I diagram.
- iii. Typical Sectional drawing showing the internals of the indirect heater, separators, crew hut etc.
- iv. The list of all the bought-out items/ components indicating OEM's part nos., as well as, certificates from the OEMs of the respective items/ components guaranteeing supply of the equipment to the bidder in the event of an order on the bidder.

## 3. **PACKING & DISPATCH:**



The completed units shall be dispatched to Oil India's designated site at Duliajan, Assam, India. The units shall be sent from manufacturer's works fully fitted, and ready to be commissioned at well sites. The units should be packed suitably to avoid ingress of rain, moisture and dust; and to withstand the rigours of travel, as well as storage before final commissioning.

#### 4. **DOCUMENTS WITH SUPPLY:**

In the event of an order, the bidder must submit the following documents with supply, as per standard of manufacturing & QAP. The Bidder shall confirm the same in the technical bid.

- i. Chemical & mechanical test certificate of raw materials for fabricated items (tanks, manifolds, separators, heater etc.) as per standard specified in technical specification.
- ii. Hydraulic test certificate, radiographic test certificate, certificate of Quality & Standard of welding for fabricated items (tanks, manifolds, separators, heater etc.).
- iii. Certificate of NDT, visual inspection & measurement of dimensions for fabricated items (tanks, manifolds, separators, heater etc.).
- iv. Operation and maintenance manual of each equipment/ instrument.
- v. SOPs for operation of the SPF as required.
- vi. List of all spares with OEM part nos. required for maintenance of the SPF.
- vii. Detailed P&ID with Bill of Materials.

#### 5. **THIRD PARTY INSPECTION:**

All the equipment of the SPF shall be offered for third party inspection for the following scope:

- i. The Third Party Inspector must be OIL's authorized / recognized inspecting agencies i.e. M/s Lloyds or M/s Bureau Veritas or RITES or M/s IRS or M/s DNV or Tuboscope Vetco.
- ii. To carry out stage wise inspection from procurement of raw materials to assembly to ensure that proper technique and procedure as per Purchase order and relevant API, ASME and other standard/specification whichever is applicable are followed by the manufacturer.
- iii. Inspection of radiography films and reports of welded joints.
- iv. Review of post weld stress relieving job for fabricated items.
- v. Inspection of Hydraulic testing of each equipment i.e. separators, manifold, bath heaters, tanks etc.
- vi. Inspection of bought-out items including instrumentation, electrical, electronic items etc.
- vii. Inspection of certificates in respect of raw materials, bought-out items, radiography etc.
- viii. Inspection of Painting, both External & Internal, of tanks, manifold, separators, heater etc.
- ix. To ensure that all the equipment inspected are fully marked/ embossed as per purchase order.
- x. To carry out visual & dimensional inspection to ensure that all the equipment are manufactured as per submitted drawing/ PO. To document, review and issue all inspection certificates to be provided along with material supply.

#### 6. **PRE-DISPATCH INSPECTION BY OIL:**

OIL's representative may carry out Stage Wise Inspection throughout the manufacturing process of all the equipment of the SPF prior to dispatch at vendor's works at OIL's cost. OIL's representative shall review TPI reports, witness hydraulic testing etc. Three-week prior notice to be given to OIL for every pre-dispatch stage wise inspection. All test reports, certificates, approvals etc. pertaining to the system should be furnished during final pre-dispatch inspection.

It is to be noted that, such inspection shall not relieve the supplier of his responsibility to ensure that the equipment/systems supplied are free from all manufacturing and other defects and conforms to correct specifications & performances.

## **7. INSTALLATION & COMMISSIONING:**

- i. On receipt of the equipments by OIL, the supplier will be intimated to depute their representatives/Service engineers. The supplier shall depute their representatives/ service Engineers within 20 days after receipt of official intimation.
- ii. For convenience of storage and security of equipment, all equipment must be supplied at once in a single lot. Part supply of equipment over a period of time is not acceptable.
- iii. The successful bidder shall have the responsibility to commission the complete SPF system and to carry out functional test of the unit to the satisfaction of OIL. All piping works related to connection of wells to the SPF unit and preparation of foundation shall be in the scope of OIL.
- iv. Lifting arrangements, security arrangements, boring of deep tube well etc. shall be done by OIL.
- v. Commissioning of the Instrumentation and Electrical equipment shall be in the scope of the supplier.
- vi. Installation & commissioning of all the Equipment of the SPF unit will be carried out as one job and the supplier has to depute their representative(s)/ Service engineer(s) as per requirement.
- vii. The Supplier shall have to supply and use their own tools & equipment/facilities etc. to undertake the installation and commissioning job.
- viii. The Supplier shall have to arrange at his own expense for food, lodging and transportation service for their personnel for installation and commissioning of the SPF Unit.
- ix. Supply of Tool/Equipment/Manpower/Consumables required for ensuring trouble free efficient operation for the installation and commissioning is the sole responsibility of the supplier.
- x. The representatives/Service Engineers will have to provide practical demonstration to operating personnel of OIL regarding safe operating procedure & maintenance aspects of all the equipment of the SPF unit at the time of installation and commissioning.

- xi. The supplier shall ensure the following during Installation and commissioning:
  - a. The unit shall be complete with all necessary pipings/tubings 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 supplier's scope.
  - c. All field instruments should be mounted suitably with canopy.
  - d. All the pressure gauge, transmitters shall be provided with isolation valves
  
- xii. PGTR: The supplier has to finally undertake commissioning of the complete SPF unit by carrying out functional test of all components of the unit as detailed below to the satisfaction of OIL.
  - a. Functional Test shall be carried out to evaluate the proper functioning of all equipment & all instrumentation system up to the satisfaction of Installation Manager of OIL.
  
  - b. Functional Test of the SPF unit shall be carried out for 15 days of continuous trouble-free operation for the complete SPF unit. Functional Test shall be started when the operation of individual equipment is stabilized under normal working conditions for 24 hours.
  
  - c. Before commencing of Functional Test of the SPF unit, 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 Functional Test, if any defects are found in design, workmanship of any equipment or in any of the Mountings & Accessories, resulting in shutdown of Equipment or non-achievement of desired output as stipulated above in the point (a), supplier shall rectify the problem at its own cost.
  
  - e. The system shall be tested again for faultless running for 24 hours and Functional Test shall be carried out again as per 'Note xii (b) of INSTALLATION & COMMISSIONING'.
  
  - f. The supplier should complete the Installation and Commissioning job of each equipment including successful Functional Test within a period of 3 (three) months from the date of official intimation to depute their representative for Installation and commissioning.

8. **REFERENCE STANDARDS:**

The total design and service shall be governed by but not limited to, the following reference standards wherever applicable:

API Spec 5CT: Specifications for tubulars and threads

API Spec 5L: Specifications for Line pipe

API Spec 6A: Specifications for valves and wellhead equipment

API Spec RP 17B: Recommended practice for flexible pipes

API RP 44: Recommended practice for sampling petroleum reservoir fluids.

API RP 520: Recommended practice for sizing, selection and installation of pressure relieving devices.

API RP 521: Recommended practice for pressure relieving and depressuring systems

ASME-Section-VIII Divn. I and II: Rules for construction of pressure vessels

ASME Section V: Valves, Flanges etc.

ASME section IX: Welding

API RP 7HU1: Safe use of Hammer Unions for Oilfield

ANSI/ASME B 31.3: Chemical plant and petroleum refinery piping.

API RP 54: Recommended practice for Safety and health for oil & gas well drilling and servicing operation.

IS: 944-1979: Functional Requirements of 1800-1/min Trailer Pump for Fire Brigade Use

Relevant OISD, OMR, CPCB, APCB etc. standards.

Strict compliance with statutory regulations like Mines and related acts /legislation, IBR, OMR, OISD norms and Pollution Control Board (state/central) etc. are to be complied by the successful bidder.

9. **SAFETY, HEALTH AND ENVIRONMENT:**

Vendor shall comply with applicable environmental laws, statutory regulations as applicable to Oil Mines in India.

The Vendor is required to provide all its personnel with Personal Protective Equipment as per international practice, which may include, as appropriate, but without limitation the following during the installation and commissioning stage:

- a. Safety Helmet
- b. 100% cotton or fire proof overalls
- c. Safety Foot ware
- d. Safety Goggles
- e. Other PPE, including hand gloves, safety goggles/visor, hearing protection, safety belts etc.

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

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**Technical Bid Checklist****Annexure-EEE**

Tender No.			
Bidder's Name :			
		<b>Compliance by Bidder</b>	
Sl. NO.	BEC / TENDER REQUIREMENTS	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 Received 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 LETER 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.