

ANNEXURE-II

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan-786602, Assam, India
E-mail: material@oilindia.in

INVITATION FOR BID
NATIONAL COMPETITIVE BID

OIL INDIA LIMITED invites National Competitive Bid (NCB) through its e-procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following items:

E-TENDER NO.	BID CLOSING / OPENING DATE	ITEM & QTY.
SDI3351P17/P3	02.02.2017	PANEL – 02 Nos & TRANSFORMER – 02 Nos
SDI3366P17/P4	09.02.2017	MRI MACHINE – 01 No. (Pre –Bid Conference date and venue : 19.01.2017, Kolkata)

Tender fee (Non-refundable): Rs 1,000.00; Bid Closing/Opening Time: (11 Hrs.) IST/(14 Hrs.) IST; Period of sale of documents: **Till one week prior to bid closing date (24.12.2016 to 16.01.2017 for tender no. SDI3366P17).** 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.

NOTE: All addenda, Corrigenda, time extension etc. to the tenders will be hosted on above website and e-portal only and no separate notification shall be issued in the press. Bidders should regularly visit above website and e-portal to keep themselves updated.



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

TELEPHONE NO. (91-374) 2808719

FAX NO: (91-374) 2800533

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

FORWARDING LETTER

Tender No. : SDI3366P17 DT: 19.12.2016

Tender Fee : Rs 1,000.00

Bid Security : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Tender Type : Open Tender

Bid Closing / Opening on : As mentioned in the e-portal

Performance Security : Applicable

Integrity Pact : Applicable

Date of pre-bid conference : 19.01.2017

Time of pre-bid conference : 09.00 AM onwards.

Venue of pre-bid conference : KOLKATA

OIL invites Bids for **Supply and Installation & Commissioning of MRI Machine – 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.

NOTES:

(1) A Pre-Bid Conference with the vendors will be held at Kolkata to discuss on the technical specifications and other terms and conditions of the tender. All the vendors who purchase the Tender Document within the Last date of issue of user id and password i.e. 16.01.2017 (or amended otherwise) will be eligible to attend the Pre-Bid Conference. The exact venue and time of the Pre-Bid conference will be intimated to the vendors at a later date.

(2) Clarification on the technical specifications and other terms & conditions of the tender shall be provided to the vendors during the Pre-bid Conference. Vendors should come fully prepared to the Pre-bid Conference and submit their queries to OIL in the Pre-bid Conference for clarification. The set of queries shall be sent to OIL before the Pre-bid Conference for study by OIL.(Latest by 16.01.2017)

(3) Any changes in the technical specifications and other terms & conditions of the tender arising out of discussion in the Pre-bid Conference shall also form part of the tender document. In the Pre-bid Conference specifications, terms and conditions of the NIT will be frozen and no request for amendment to NIT shall be entertained after the pre bid conference.

(4) Vendors shall depute representatives who are competent enough and authorized to take on the spot decision. At the most 2 (Two) representatives from each vendor shall be allowed to participate in the pre-bid conference. All costs for attending the pre-bid conference shall be to the vendors account.

(5) Vendors, immediately after the purchase of the Tender documents, shall inform OIL at the following address about their participation in the Pre-Bid Conference with details of the persons to enable OIL to make arrangement for the Pre-Bid Conference.

DGM – MATERIALS, OIL INDIA LIMITED
P.O DULIAJAN, PIN – 786 602, DIST. DIBRUGARH (ASSAM) INDIA
FAX NO. : +91 - 374 – 2800533, E-Mail : ankurjyoti_sarmah@oilindia.in

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	STAE 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 RFX** Response.

1.0 Vendors having OIL’s User ID & password may pay Tender Fee on-line through OIL’s electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Vendors who do not have OIL’s User ID & password, may generate User ID & password online by the Vendor by using the link for supplier enlistment given in OIL’s e-tender portal and then pay Tender Fee on-line through OIL’s electronic Payment Gateway upto one week prior to the Bid closing date (or as amended in e-portal).

Alternatively application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in the form of crossed "Payee Account only "Bank Draft/Bankers’ Cheque drawn by Bank and valid for 90 days from the date of issue of the same or in the form of Indian Postal Orders payable to the OIL is to be sent to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted only upto one week prior to the Bid closing date (or as amended in e-portal). The envelope containing the application for participation should clearly indicate “REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO ...” for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL’s e- Procurement portal. No physical tender documents will be provided. Details of NIT can be viewed using “Guest Login” provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL’s web site www.oil-india.com.

NOTE:

In case of MSE/PSUs/ Govt. Bodies / eligible institutions etc., they shall apply to DGM-Materials, Oil India Limited, P.O. Duliajan, Assam-786602 for waiver of Tender Fee 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 Technical RFx Response-> User - > Technical Bid 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. **The prices of the items should be quoted in “Conditions Tab”. Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under “Notes & Attachments”.**

2.3 A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in [Annexure-CCC](#).

Display RFx Response:

Go to this Tab “Technical RFx Response” for Uploading “Techno-commercial Unpriced Bid”.

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

RFx Response Number 60006452 RFx Number TEST2 Status Submitted
RFx Owner WIPRO_TEST1 Total Value 0.00 INR RFx Response V

RFx Information Items Notes and Attachments Conditions

Basic Data Questions

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

Terms of Payment: 9010 90% against despatch+10% after receipt

Service and Delive

Incoter

and Statist

Created C

Created E

Last Processed C

Last Processed E

▼ Partners and Delivery Information

Details Send E-Mail Call Clear

Function	Number	Name	Valid fr
The table does not contain any data			

On “EDIT” Mode- The following screen will appear. Bidders are advised to Upload “Techno-Commercial Unpriced Bid” and “Priced Bid” in the places as indicated above:

Bid on “EDIT” Mode

Edit RFx Response:

Submit | Read Only | Print Preview | Check | Technical RFx Response | Close | Save | Verify signature of Response | Sign Response

RFx Response Number 60006452 RFx Number TEST2 Status Withdrawn Submission Deadline 13.04.2013 11:00:00 INDIA
 RFx Owner WIPRO_TEST1 Total Value 0.00 INR RFx Response Version Number 2 RFx Version Number 5

RFx Information | Items | **Notes and Attachments** | Conditions | Summary

Area for uploading Techno-Commercial Unpriced Bid*

▼ Notes

Add ▲ Clear

Assigned To	Category	Text Preview

▼ Attachments

Sign Attachment | Add Attachment | Edit Description | Versioning ▲ | Delete | Create Qualification Profile

Assigned To	Category	Description	File Name	Version	Processor	Checked
The table does not contain any data						

Area for uploading Priced Bid**

Note :

* The “Techno-Commercial Unpriced Bid” shall contain all techno-commercial details **except the prices.**

** The “Price bid” must contain the price schedule and the bidder’s commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

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. MSE bidders are exempted from submission of Tender Fees and Bid Security/Earnest Money provided they are registered for the items they intend to quote.

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

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-
(A J SARMAH)
MANAGER MATERIALS (IP)
FOR : HEAD-MATERIALS**

Tender No & Date: SDI3366P17 DT: 19.12.2016**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>A) TECHNICAL:</p> <p>1.0 Bid will be rejected in case the items offered do not conform to the required specifications stipulated in the technical specifications.</p> <p>2.0 The Bidder is to categorically confirm for compliance of all the clauses under technical specification of the NIT.</p> <p>Financial Criteria:</p> <p>1 <u>Annual Turnover</u>: The bidder shall have an annual financial turnover of minimum Rs. 445.26 Lakhs during any of the preceding 03 (three) financial years reckoned from the original bid closing date of the tender.</p> <p>1.1 "Net Worth" of the bidder should be positive for the preceding financial/accounting year.</p> <p>2 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</p>	

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'.

Note:

- 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.-II

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.

3 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR

B) 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 15,86,000.00** in OIL's prescribed format as Bank Guarantee or a Cashier's cheque or Demand Draft 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 09.09.2017).** Cashier's cheque or Demand Draft shall be valid for minimum 90 days or as per RBI's guidelines, drawn on "Oil India Limited" and payable at Duliajan, Assam

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 any one of the following forms :

(a) A Bank Guarantee in the prescribed OIL’s format valid for 3(three) months beyond the Warranty period indicated in the Purchase Order /contract agreement.

(b) A Cashier's cheque or Demand Draft with validity of minimum 90 days or as per RBI’s guidelines, drawn on “Oil India Limited” and payable at Duliajan, Assam.

The Performance Security for capital nature items like plant and machinery etc. shall be valid for 60 months from the date of commissioning plus 3(three) months or 18 months from the date of shipment/despatch plus 3(three) months whichever concludes earlier. However, for consumables like chemicals, cement, tubular etc. the Performance Security shall be valid for 12 months from the date of shipment/despatch plus 3(three) months.

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.

(f) Delivery period of the item should be 06 months from the receipt of

formal order and time period for installation & commissioning should be 02 months from the receipt of Equipment.

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:

1.0 The bids will be evaluated as per NIT Specifications.

B) COMMERCIAL:

i). To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.

ii) 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 NIT terms and conditions of NIT.

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TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI3366P17 DT: 19.12.2016

	Complied / Not Complied. (Remarks if any)
<p><u>ITEM NO. 10</u></p> <p><u>SUPPLY, INSTALLATION & COMMISSIONING OF STATE OF THE ART 1.5 TESLA CLINICAL MRI SCANNER FOR OIL HOSPITAL,DULIAJAN, ASSAM – QTY = 01 NO</u></p> <p><u>STATE OF THE ART 1.5 TESLA CLINICAL MRI SCANNER FOR OIL Hospital,Duliajan, ASSAM</u></p> <p>(Refurbished- Gold Seal Units will not be accepted. The Offer should meet the Specifications as)</p> <p>Detailed Technical Requirements</p> <p>Installation of advanced state of art Whole Body 32 channel 1.5 Tesla MRI. The essential features should be verifiable from catalogue Technical brochure of equipment and same must be submitted along with the bid. All essential features must be present in the offered model of the equipment and vendor must specify page, paragraph and line number in technical literature that indicates compliance For all other points of QR, the vendor must clearly state willingness to Supply the item / comply with the given requirement by mentioning YES or NO. Bids with Incompletely filled compliance statements may be summarily rejected Latest version of quoted equipment and accessories available in the market at time of issue of supply order is to be supplied by the firm</p> <p>MAGNET</p> <p>a. Whole Body 1.5 Tesla Magnetic Resonance Imaging System optimized for higher performance in Whole Body and Vascular examinations with short super- conducting magnet, high performance gradients and digital Radio Frequency System.</p> <p>b. 1.5T active shielded super conductive magnet.</p> <p>c. It should have at least 60 or more cm patient bore with flared opening.</p> <p>d. Magnet length should be less than 200 cm</p> <p>e. It should have short bore length and be non-claustrophobic</p> <p>f. Homogeneity of magnet should be better than 1 ppm over 45 cm DSV</p> <p>g. The magnet should be well ventilated and illuminated with built in 2 way intercom for communication with patient.</p>	

h. It should have a built in cryo-cooler such that typical helium consumption does not exceed 0.05 lit/ hour.

SHIM SYSTEM

a. High performance, highly stable shim system with global and localized automated shimming for high homogeneity magnetic field for imaging and spectroscopy

b. Auto shim should be available to shim the magnet with patient in position

GRADIENT SYSTEM

a. Actively shielded Gradient system

b. The gradient should be actively shielded with each axis having independently a slew rate of atleast 120 T/m/s and a peak amplitude of 30mT/m or more.

c. The system should have efficient and adequate Eddy current compensation

d. Effective cooling system for gradient coil and power supply

RF SYSTEM

a. A fully digital RF system capable of transmitting power of at least 15 Kw

b It should also have at least minimum of 32 independent RF receiver channels with each having bandwidth of 1 MHz or more along with necessary hardware to support Quadrature /CP array/Matrix coils

c It should support Parallel acquisition techniques with a factor of up to 4 in 2D d Should allow remote selection of coils and or coil elements

PATIENTTABLE

a The table should be fully motorized, computer controlled table movements in vertical and horizontal directions

b. A CCTV system with LCD display to observe the patient should be provided Moving table angiography should be possible

c There should be a hand held alarm for patients

COMPUTER SYSTEM /IMAGE PROCESSOR / OPERATOR CONSOLE

a. The main Host computer should have a 19 inches or more resolution LCD TFT color monitor with 1024 x 1024 matrix display

b. The system should have image storage capacity of 100 GB for at least 100,000 images in 256x256 matrix

c. The reconstruction speed should be at least 1000 images per sec or more for full FOV 256

matrix

d. The main console should have facility for music system for patient in the magnet room The system should have DVD or CD archiving facility Supply 1000 DVD/5000 CDs along with the system

e. 2 way intercom system for patient communication.

f. MRI System should be enabled and networked to RIS/HIS
MEASUREMENT SYSTEM

a. Largest Field of View should be at least 48cm in all three axis

b. The measurement matrix should be from 128x128 to 1024x1024

c. Minimum 2D slice thickness mm should be equal to or less than 0.5

d. Minimum 3D slice thickness mm should be equal to or less than 0.1

COIL SYSTEM

a. The main body coil integrated to the magnet must be Quadrature/CP In addition to this following coils should be quoted

b. Multichannel Head coils with at least 8 channel for high resolution brain imaging

c. Neuro-vascular Coil with 16 or more channels or Head / Neck Coil combined capable of high resolution neuro-vascular imaging

d. atleast 16 Spine Array/Matrix Coils for thoracic and lumbar spine imaging

e. atleast 16channel Body Array/Matrix coil with at least 40 cm coverage for imaging of abdomen angio and heart

f. suitable 32 channel Cardiac Coil

g. Suitable coil for peripheral angiography application

h. Bilateral Breast Coil with at least 4 channel

i. One set of Medium GP Flex coils

j. Dedicated Shoulder Coil

k. Dedicated Knee Coils

l. Set of large and small general purpose flexible coils - for imaging of large regions such as hip and knee etc

m. coil rack

n. Coil Storage Cart

o. The system should continuously monitor the RF coils used during scanning to detect failure modes RF coils should not require either set up time or coil tuning. Multi coil connection for up to 2 or more coils simultaneous scanning without patient repositioning.

APPLICATION SEQUENCES

a. The system should have basic sequences package with Spin Echo Inversion Recovery Turbo Spin Echo with high turbo factor of 256 or more, Gradient Echo with ETL of 256 or more FLAIR.

b. Single slice, multiple single slice multiple slice multiple stacks, radial stacks and 3D acquisitions for all applications

c. Single and Multi shot EPI imaging techniques with ETL factor of 255 or more

d. Fat suppression for high quality images both STIR and SPIR

e. The system should acquire motion artifact free images in T2 studies of brain in restless patients (Propeller Multivane, Blade etc)

f. Dynamic study for pre and post contract scans and time intensity studies

g. MR Angio Imaging : Should have 2D/3D TOF 2D/3D PC, MTS and TONE, caMRA, facilities for Accelerated time resolved vascular imaging with applications like Treats/Tracks/Tricks sequences)

h. Fat and water excitation package. Diffusion Weighted Imaging, with at least b value of 5000 or more.

i. Bolus chasing with automatic and manual triggering from fluoro mode to 3D acquisition mode with moving table facility.

j. Non contrast enhanced peripheral angiography for arterial flow with Native/Trance/Inhance sequences.

k. Whole body screening imaging studies for metastasis

l. Whole body diffusion weighted imaging with background suppression

m. High resolution Abdominal and Liver imaging in breathhold and free breathing modes with respirator triggered volume acquisitions

n. The system should have basic and advanced MRCP packages including free breathing and 3D techniques

o. The system should facility for flow quantification of CSF, Vessel flow and hepatobiliary system.

p. The system should have the Hydrogen, Single Voxel spectroscopy, Multivoxel, Multislice & Multiangle 2D,3D Spectroscopy and Chemical shift imaging in 2D/3D. The complete processing/post-processing software including color metabolite maps should be available on main console. Complete prostate spectroscopy hardware and applications should be provided.

q. Advanced Cardiac Applications VCG gating. Morphology/wall motion, Cine perfusion imaging; Myocardial viability imaging; Arrhythmia rejection techniques, Advanced Cardiac Ventricular Measurement Analysis, Cine Cardiac Tagging Techniques; Coronary artery techniques, real time interactive imaging, 2D/3D fast field echo/balanced/steady state techniques

r. Advanced Breast imaging Package

s. Perfusion imaging of brain and breast with software for analysis

t. Susceptibility weighted imaging / Venous BOLD imaging

u. Multi Direction DWI and DTI with minimum of 32 directions. Prospective motion correction enabled software preferred

v. Functional Imaging with Package for BOLD Imaging and evaluation and spectroscopic imaging & processing package

w. Arterial Spin Labeling sequences of brain with software applications.

x. High resolution imaging for inner ear

y. High resolution imaging for cartilage and musculoskeletal imaging

z. Advanced Spine Applications package for nerve root analysis

aa. Fusion software at workstation

Ab. Iron quantification

Ac. Fat quantification

Ad. Prostate spectroscopy both 2D and 3D

Ae. Multiple contrasts in one acquisition should be possible

WORK STATION

a. A workstation with preferably the user interface as of main console is required with the availability of all necessary software including

i. basic post-processing software including MIP. MPR, surface reconstruction and volume rendering technique.

ii. advanced post-processing offered applications including FMRI, perfusion quantification, advanced diffusion and DTI, advanced cardiac evaluation incl perfusion analysis processing of 2D/3D CSI data, with color metabolite mapping, quantification of CSF flow data, vascular analysis package, fusion, breast analysis

b. It should have at least 19 inch LCD TFT color monitor. with hard disk of at least 120 GB for at least 250,000 image storage in 256 matrix, and 4 GB RAMcapacity or more, with self playing DVD/CD archiving facility.

- c. The workstation should display cardiac cine images in movie mode with rapid avi creation
- d. The workstation should enable printing in laser film camera and color printers

SAFETY FEATURES

The System should have following safety features -

- a. The magnet system should include an Emergency Ramp Down unit ERDU for fast reduction of the magnetic field with Ramp Down time below 3 minutes
- b. The magnet should have quench bands that contain the fringe fields to a specified value in the event of a magnet quench
- c. Real time SAR calculation should be performed by software to ensure the RF power levels comply with regulatory guidelines and are displayed on each image
- d. The system shall have manual override of the motor drive for quick removal of the patients from the magnet bore
- e. Temperature sensor (built in) for magnet refrigeration efficiency must be provided

DOCUMENTATION

- a. DICOM compatible Dry Chemistry laser camera with integrated processor for filming from main console & workstation.
- b. Printing on films of 14" x 17", 11" x 14" and 10" x 8" sizes in a resolution of 600 or more dpi. It should be possible to connect other imaging modalities to the printer. 5000 compatible films to be provided.
- c. A color laser printer for printing high-resolution colour-coded 3D images image and protocols on plane in 1200 dpi resolution and more than 20 ppm. 5000 compatible films to be provided. UPS The system should be provided with UPS system for the complete system with at least 30 minute back up. Appropriate online servo stabilizer should also be provided.

SUITABLE RF ENCLOSURE

- a. RE Cabin. The system should be supplied with the imported RF cabin with RF room shielding. RF Door screen, and interiors for the same should be carried out suitably.

ACCESSORIES

- a. Dual Head Non-ferromagnetic Pressure Injector with 100 sets of syringes. (Make : Medrad preferred)
- b. Water Chiller for Cold Head / Gradients
- c. Two Non-ferromagnetic patient transfer trolley of international make should be provided
- d. Fire Fighting System. Detectors and 6 Fire Extinguishers

<p>e Hand held metal detectors (Six nos.)</p> <p>Application training to be provided onsite for total of FOUR weeks and training for Two Radiologists to be provided training at premier govt. teaching institute within country for two weeks. MR Compatible Pulse Oxymeter One Colour Laser Camera of reputed make Almirah for keeping the Coils.</p> <p>One High end configuration Lap top The chiller supplied should be of standard make. Specify make and capacity Quaterly Journals should be provided for 5 years. 3 Books on MRI to be provided.Names will be specified.</p> <p>PLEASE NOTE:</p> <p>Point wise technical compliance report supported by the technical catalogue /specifications must be submitted in all truthfulness and shall be essence of the technical bid. Technical specifications offered in the technical bids shall be verified to be in the claimed working specifications on the same quoted model working reliably in India or abroad. In case of adverse verification report by the verification team, even though the technical bid qualifies technically on paper, that technical bid shall be treated disqualified. Technical bids offering better specifications with proven diagnostic capabilities shall be preferred. List of prior installations in India. Company must have a Service Engineers stationed in Guwahati.</p> <p>Standards, Safety Should be FDA / CE approved product Calibration/Acceptance test certificate from the factory required Manufacturer/Supplier should have ISO certification for quality standards. Back to back warranty to be taken by the supplier from the principal to supply spares for a minimum period 10 years Standard phantoms for image quality audits to be provided.</p> <p>PATIENT COMFORT ACCESSORIES :</p> <p>Soft mattress with head rest – 1 Support, positioning wedges – 1 MR compatible sandbags – 1</p> <p>OTHERS:.</p> <p>View Box [LED Type – four in one] - 1 no. It is the responsibility of the bidders to visit the consignee site for assessing site requirements and readiness.</p>	
<p><u>ITEM NO. 20</u></p> <p><u>INSTALLATION & COMMISSIONING- 1 AU</u></p>	
<p><u>ITEM NO. 30</u></p> <p><u>WARRANTY AND AMC/CMC – QTY = 01 AU</u></p> <p>WARRANTY AND AMC/CMC TERMS (specific to MRI):</p> <p>Five years onsite warranty of main and all subsystems/parts of the equipment. The Warranty</p>	

<p>and Annual Maintenance Contract/Comprehensive Annual Maintenance Contract/(AMC/CMC) shall be subject to penalty clause of: 60 months warranty to be quoted. 6th to 10th year CMC price to be quoted separately In addition to above if down time exceeds 05 % (ie. against 95% uptime guarantee on whole year 365 days' time basis) equal amount of time shall be extended in the warranty/ AMC period as the case may be. The warranty shall be inclusive of the helium refill and all other consumables like batteries, filters etc. Post warranty: Five years CMC has to be quoted with all labor, Helium and spare parts subject to same as above mentioned penalty clause during the warranty period. The CMC shall be inclusive of the Helium and all other consumables like batteries, filters etc. Turnkey (Should be with 5 years warranty)</p>	
<p><u>ITEM NO. 30</u></p> <p><u>CIVIL WORK:</u></p> <p>Changing room for patients Toilet for the staff Existing Toilet to be modified Area to be prepared including interiors by the supplier.(Only covered space would be provided to the supplier)</p> <p>Floor: Floor should be of mirror polished Vitrified Digital tiles over floor. Antistatic floor Ceiling: Aluminum Composite panel board + Aluminum Grid Ceiling Wall: High mirror polished Vitrified Digital tiles up to ceiling high. Paint: 2 coats synthetic enamel paints over 2 coats primer over wall putty (if required)</p> <p>The bidders to submit drawing layout plan of the interior including at least 10-12 patient holding positions which is in the layout plan. Sufficient furniture to be supplied for the console room, patient waiting area and work station.</p>	
<p>ITEM NO. 40</p> <p>ELECTRICAL WORK :</p> <p>Dedicated copper earthing for the whole system.</p> <p>Air-conditioning machine: The total carpet area has to be properly airconditioned. Split type AC machines having appropriate rating to bring down and maintain room temperature up to 16° Celsius as per requirement. There should be sufficient number of the AC machines to run the service round the clock and uninterrupted in case of breakdown of any of the AC machine(s). A/C ducting to prepare, if required</p> <p>High quality room lighting (up to 350 LUX of luminance)</p> <p>Cable to the UPS room from the main transformer has to be calculated.All the cabling costs,MCB,MCCB's,RCB's & the required DB's to be quoted.</p> <p>Electrical Works:</p> <p>a)Air Conditioning</p> <p>1.Suitable air conditioning system for the MRI unit which will maintain the temperature below 16 Degree Centigrade in 365x24x7 days i.e. continuous basis. Air Conditioners shall be two or more numbers at least one on stand-by and with logical/ sequential operation. Bidder has to confirm with air conditioner manufacturers regarding the size and capacity of Air Conditioners for matching with MRI unit and use of Green refrigerant.</p> <p>2. Installation & commissioning of the air conditioners shall be scope of the successful bidder.</p>	

3. Party has to agree for Comprehensive operation & Maintenance after expiry of Guarantee period for continuous basis (24x7) for a period of at least 5 years (Including Guarantee period of 1 year) with supply of materials. Party has to agree deploying of sufficient skill man power at Duliajan for operation & Maintenance of the same.

Electrical Others:

01.0 Electrical Panel:

SPECIFICATION FOR FLOOR MOUNTED MAIN INCOMER PANEL:

Incomer panel shall be cubicle type, vermin proof, made with CRCA sheet with following specification:

PANEL COMPARTMENTS / SECTIONS:

A) INCOMER SECTION: 2 Nos. 630 Amps Four Pole Moulded Case Circuit Breaker: MCCB shall have thermal magnetic release of Breaking capacity minimum 26 kA with a rotary handle operating mechanism, with spreader links. One number multifunction Panel meter to measure the electrical quantity voltage, current, power, frequency, energy consumption, max. demand and power factor shall be provided. MF Meter shall have a provision for recording cumulative energy.

B) BUS CHAMBER: The bus chamber shall be sheet steel clad having front bolted covers and shall consist of 1 set TP & N electrolytic grade, high conductivity electrolytic E 91 E grade aluminium Bus Bars, conforming to IS: 5082. Current rating of bus bar sections shall be 800 Amps suitable for 415 V AC, 50 Hz system. Neutral bar shall be of same size as phase bus. The bus-bar shall be insulated with heat shrinkable PVC sleeves and shall be supported at required intervals with non- hygroscopic, non-deteriorating, and non inflammable SMC / FRP supports having adequate mechanical strength and a high tracking resistance, to withstand short circuit fault levels up to 50 kA for 1 sec. All risers and connections from bus bar shall be done with same material as the main bus bars of current rating as per rating of individual cubicle switch.

C) OUT GOING SECTION: Each outgoing shall have one number multifunction meter for displaying voltage and Current.

i) Four Pole Moulded Case Circuit Breaker minimum 16 kA with a rotary handle operating mechanism of suitable amperage rating as per site requirement.

D) CABLE CHAMBER / CABLE ALLEY: Suitable cable alleys shall be provided in between sections of the panel to drive the cables. Supports as required shall be provided along the cable alleys for supporting the cables / wires.

All accessories like Gland/Lugs/Thimble etc .required for installation shall be in the scope of the bidder/Contractor.

Unit: No

Quantity : As required

2. Point wiring with in PVC casing capping

Wiring for light point/ fan point/ exhaust fan point/ call bell point with 3x1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface medium grade ISI approved 25mm size PVC Casing Capping, suitable PVC casing box for fixing ceiling rose and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.(identical size phase ,neutral and earth wires ,colour coded red ,black and green respectively). Make of cable :Havells/Finolex/L&T/Polycab ,Make of PVC Casing Capping : AKG/Presto Plast or BIS approved make.

Unit: Point

Quantity : As required

3.Light plug point wiring with 3 x 1.5 mmsq PVC wire in casing capping:

Wiring for light plug point with 3X1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium grade ISI approved PVC Casing Capping alongwith FRLS PVC insulated copper conductor single core cable for loop earthing as required(identical size phase ,neutral and earth wires ,colour coded red ,black and green respectively).Make of cable :Havells/Finolex/L&T/Polycab, Make of PVC Casing Capping : AKG/Presto Plast or BIS approved.

Quantity : As required

Unit: Metre

4. Circuit wiring 3x2.5 sq mm PVC wire in casing capping:

Wiring for circuit/ submain/Power wiring along with earth wire with the 3x2.5 mmsq sizes of FRLS PVC insulated copper conductor, single core cable in surface / recessed medium class ISI approved PVC Casing Capping as required. Wiring shall be done from MCB DB to desired Switch Board/power point.(identical in size phase ,neutral and earth wires ,colour coded red ,black and green respectively).Make of cable :Havells/Finolex/L&T ,Make of PVC Casing Capping : AKG/Presto Plast or BIS approved make.

Quantity : As required

Unit: Metre

5.Power wiring with 3 x 4 mmsq PVC wire in casing capping

Wiring for circuit/ submain/Power wiring alongwith earth wire with the 3x4 mmsq sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class ISI approved PVC Casing Capping as required. Wiring shall be done from MCB DB to desired Switch Board/power point.(identical in size phase ,neutral and earth wires ,colour coded red ,black and green respectively).Make of cable :Havells/Finolex/L&T ,Make of PVC Casing Capping : AKG/Presto Plast or Equivalent or BIS approved.

Quantity : As required

Unit: Metre

6.Circuit wiring 2x10 sqmm +1x10 sq mm PVC wire in casing capping:

Wiring for circuit/ submain wiring alongwith earth wire with the 2x 10 mmsq + 1 x 10 mmsq sizes of FRLS PVC insulated copper conductor, single core cable in surface medium class ISI

approved PVC Casing capping as required. Wiring shall be done from main MCB DB to SPN MCB DB or SB as required (identical in size phase, neutral and earth wires, colour coded red, black and green respectively). Make of cable : Havells/Finolex/L&T, Make of PVC Casing Capping : AKG/PLaza/Presto or any BIS approved. Main panel to SPN DB.

Quantity : As required

Unit: Metre

7. Circuit wiring 4x16 sq mm + 2x16 sq mm PVC wire in casing capping

Main panel to MCB DB. Wiring for circuit/sub main wiring along with earth wire with the 4x16 mmsq + 2 x 16 mmsq sizes of FRLS PVC insulated copper conductor, single core cable in surface medium class ISI approved PVC Casing capping as required. Wiring shall be done from main DB to MCB DB or SB as required (identical in size phase, neutral and earth wires, colour coded red, black and green respectively). Make of cable: Havells/Finolex/L&T, Make of PVC Casing Capping: AKG/PLaza/Presto or BIS approved make.

Quantity : As required

Unit: Metre

8. Supply & fixing of 3 Module PVC box with base and cover

Supplying, fixing and installation of 3 modules PVC Box along with modular base & cover plate for modular switches, blank plate in Surface etc as required. Internal connection of wire is included in the item. Make of Modular item: Legrand/L&T/Schneider/Crabtree/Indo Asian(Elvira).

Quantity : As required

Unit: no

9. Supply and Fixing of 8 Module PVC box with base and cover:

Supplying, fixing and installation of 8 modules PVC Box along with modular base & cover plate for modular switches, blank plate in Surface etc as required. Internal connection of wire is included in the item. Make of Modular item: Legrand/L&T/Schneider/Crabtree/Indo Asian(Elvira).

Quantity : As required

Unit: no

10. Supply and fixing 3 Module box with 6 A S/S:

Supplying and fixing of 3 module PVC Box with modular plate and cover in front on surface, including providing and fixing 3 pin 6 amps modular socket outlet and 6 amps modular switch, connection etc. as required. Make of Modular item: Legrand/L&T/Schneider/Crabtree /Indo Asian(Elvira).

Quantity : As required

Unit: no

11. Supply and fixing 4 Module box with 16 A S/S

Supplying and fixing of 4 module PVC Box with modular plate and cover in front on surface or in recess, including providing and fixing 5 pin 6 & 16 amps modular socket outlet and 16 amps

<p>modular switch, connection etc. as required. Make of Modular item: Legrand/L&T/Schneider/Crabtree/Indo Asian(Elvira).</p> <p>Quantity : As required Unit: no</p> <p>12. Supply and fixing of 20 A Metallic S/Socket with RCBO:</p> <p>Supplying and installation of Surface/recess type 20A metallic plug/ socket DB complete with 20A Plug and Socket and 20 A DP RCBO,30mA sensitivity for AC. Make: Schneider/Legrand/Siemens/Havells//Indo Asian(Elvira).</p> <p>Quantity : As required Unit: no</p> <p>13. Supply and fixing of 6 A Modular Switch</p> <p>Supply, installation and fixing of 6 A Modular switch in the existing modular boxes, Make of Modular switch: Legrand/L&T/Schneider/ Crabtree or Approved by Engineer in Charge.</p> <p>Quantity : As required Unit: no</p> <p>14. Supply and fixing of ceiling rose:</p> <p>Supplying and fixing 3 pin, 5 amp ceiling rose</p> <p>Quantity : As required Unit: no</p> <p>15. Supply & Fixing of 36 W LED TL (1x4) :</p> <p>Supply, Installation, testing and commissioning of high performance suspended mounting, LM-79 certified luminaire & LM-80 certified LED with aluminium extruded channel & white powder coating. Fitting shall be with high translucent diffuser & white optics reflector for glare free light distribution with 40 +/-10% w system wattage, system efficacy >85 lm/W. THD <10% and PF is >0.9. Colour temperature shall be in between 5500 to 6500 K. The driver shall be external type and minimum burning hours shall be 40000 Hrs. The fitting shall be complete with all accessories etc., including supplying and fixing ball and socket arrangement, 2 no. down rods of 20 mm dia X 1.6 mm thick steel conduit upto 75 cm length, painting and wiring the down rods and connection with 1.5 sq. mm FR PVC insulated, copper conductor, three core cable and earthing etc. as required. Make: Philips/Crompton/GE/Bajaj/Havells/Surya/Syska/HPL</p> <p>Quantity : As required Unit: no</p> <p>16. Supply & Fixing of Extra Down rod</p> <p>Supplying installation and commissioning of extra down rod for ceiling Fan, 600mm long, 20mm dia x 1.6 mm thick steel conduit, including wiring the down rod with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable and painting etc. as required. Making of holes and slots at both the ends of extra length of down rod are required for mounting ceiling</p>	
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fans in halls and room area. The hole size and slot dimension shall be same as available in the original down rod of the fans. One down rod shall be treated as one unit.

Quantity : As required

Unit: No

17. Supply and Fixing of Single phase 63 A MCB DB, 16 way-double door:

Supplying, installation and fixing of 16 way as outgoing with double door, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface, complete with 100 A tinned 12 way copper busbar, 12 way neutral busbar, 12 way earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required. DB shall have following as incomer: 63 A RCBO, sensitivity 100mA -1 No. Outgoings are 10 A MCB, C-curve - 6 nos, 20 A MCB, C-curve- 6 nos. Make of RCBO, MCBs and box shall be of same make and shall be Schneider/ Siemens/Indo Asian/Legrand. DB shall be similar to Legrand cat no- 6077 13

Quantity : As required

Unit: No

18. Supply and Fixing of Three phase 63 A MCB DB, 16 way-double door:

3 phase 8 way 63A MCB DB:phase 8 way TPN prewired MCB DB with double door of following specification: DB shall be as per IS 8623, Suitable for Flush mounting and surface mounting application

with 100 A copper busbar for each phase, with neutral bar, earth bar and cable ties for cable management, fully insulated busbar and neutral bar. DB shall have proper arrangement for door earthing and corner shields Contractor 10 Company for better protection, Pan assembly for ease of installation, masking sheet, reversible doors, with provision for four pole MCB/Isolator/RCCB/RCBO as incomer and SP MCB as outgoing, supplied with wire set and MCBs. Wires shall be FRLS copper single core cables of sufficient capacity. DB shall have protection against mechanical impact, minimum protection index

shall be IK 09 with acrylic door of IEC-62262 and Ingress protection of IP43. Limiting dimensions of DB shall be: front side length with door:

700 mm, breadth: 500 mm and depth 70 mm. Knockouts on the top shall be of following dimensions: 1 no., 32 mm dia; 8 nos., 25 mm

dia. Knockouts on bottom shall be of following dimensions: 1 no.,

32 mm dia; 8 nos., 25 mm dia. Knockouts on both sides shall be of following dimensions: 1 no. 32 mm dia and 2 nos., 25 mm dia.

Part 1:DB shall have 63 A, 100 mA RCBO as incomer as per IS:

12460 with latest ammendments, Part 2. Outgoing distribution in each phase shall consist of 8 nos. of MCB (4 nos. of 10 A and 4 nos. of 20 A MCB), all C curve, 10 KA capacity; total no. of MCBs in DB- 24 nos. All MCBs shall be as per IS/IEC 60947-2. Make: grand/Siemens/Schneider/Indo-Asian/Havells.

Quantity : As required

Unit: No

19. Supply and Fixing 175 x 100 x 48 mm PVC board:

Supply and fixing of PVC switchboard with cover & screws, approved and marked by IS-

<p>14772. Colour- White. Size- 175 mm x100mm x 48mm.Make:Presto plast/AKG</p> <p>Quantity : As required Unit: No</p> <p>20.Supply and fixing of of Chemical Earth electrode</p> <p>Supply with installation & commissioning of readymade maintenance free CPRI approved chemical earthing system with 50 mm dia 3.00 Metres length corrosion free G.I. pipe Electrode complete with backfill compound Minerals 50 Kg and Earth pit cover including excavation of earth pit and construction brick earth chamber including plastering both inner & outer surface of brick wall as specified and directed by Engineer in charge. Size of brick chamber shall be 2 feet x 2 feet. Make: True Power Earth Solution, Multi mess or any make approved by OIL.</p> <p>Quantity : As required Unit: No</p> <p>21.Supplying and laying of 25mmx6mm GI strap</p> <p>Supplying and laying of 25mmx6mm GI strap for earth electrode & DB earthing including supply of all hardwares required for connection. The GI strap should be hot dip galvanised with galvanisation thickness of minimum 80 micron and confirm to IS. All hardwares to be galvanised and of minimum 12mm diameter.</p> <p>Quantity : As required Unit: Metre</p>	
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NOTE:

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

Annexure- DDD

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 Tender No. **SDI3366P17** 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 Organisation "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.
 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 cartelisation 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.

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 credibility 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.
1. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

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 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.
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 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.
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 Bidder/Contractor undertakes to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.
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 (three in number depending on the size of the contract) (to be decided by the Chairperson of the Principal)

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.
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.
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.

A J SARMAH
MANAGER MATERIALS (IP)

For the Principal

For the Bidder/Contractor

Place. Duliagan.

Witness 1 :

Date 20.12.2016 .

Witness 2 :|

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.