Annexure-II

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan - 786602, Assam, India
FAX: 91-0374-2800533; E-mail : material@oilindia.in

A) OIL INDIA LIMITED invites Indigenous Competitive Bid (e-tenders) through its e-Procurement portal - *https://etender.srm.oilindia.in/irj/portal* for following e-tender :

E-Tender No.	B.C Date	Material Description & Quantity
SDI4617P15 DT: 18.08.2014 (SINGLE STAGE TWO BID SYSTEM)	**16.10.2014**	**2 NOS SKID MOUNTED AC-PCR**

Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 (Excepting PSUs and SSI units registered with NSIC) in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted one week prior to Bid Closing date. The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO …" 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 :
PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue User ID and Password.

B) CORRIGENDUM

BID CLOSING DATE OF E –TENDER NO SDI3974P15 DATED 24.06.2014 HAS BEEN EXTENDED UPTO 11.09.2014 (UPTO 11.00 HRS). APPLICATION FOR ISSUE OF USER ID AND PASSWORD WILL BE ACCEPTED UPTO 04.09.2014 (UPTO 15.30 HRS) & BIDS SHALL BE OPENED ON 11.09.2014 (AT 14.00 HRS).

ALL OTHER TERMS AND CONDITIONS OF THE E-TENDER SHALL REMAIN UNCHANGED

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

TELEPHONE NO. (91-374) 2808719
FAX NO: (91-374) 2800533
Email: ranjanbarman@oilindia.in ; erp_mm@oilindia.in

FORWARDING LETTER

Tender No.	**: SDI4617P15 DT: 18.08.2014**
Tender Fee	**: Rs 1,000.00**
Bid Security Amount	**: Rs 10,20,000.00**
Bidding Type	**: SINGLE STAGE TWO BID SYSTEM**
Bid Closing on	**: As mentioned in the e-portal**
Bid Opening on	**: -do-**
Performance Security	**: Applicable**
Integrity Pact	**: Applicable**

OIL invites Bids for **SUPPLY OF 2 NOS SKID MOUNTED AC-PCR** 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 LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents

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

The tender will be governed by:

a) "General Terms & Conditions" for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

b) Technical specifications and Quantity as per **Annexure – 1A**.

c) The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.

d) In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidders who have already submitted the bids on or before the original B.C. date, shall not be permitted to revise their quotation.

e) Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons

contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).

f) Bidder are advised to fill up the Technical bid check list (**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.

Special Note:

1.0 General Qualification Criteria:

In addition to the general BRC/BEC, following criteria on Bidders' Experience and their financial capabilities shall be considered **(documentary evidence to be provided along with the bid in Technical RFx -> External Area - > Tender Documents)** as on the Bid Closing Date:

a) Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than **Rs 102.00 Lakhs.**

2.0 Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-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.

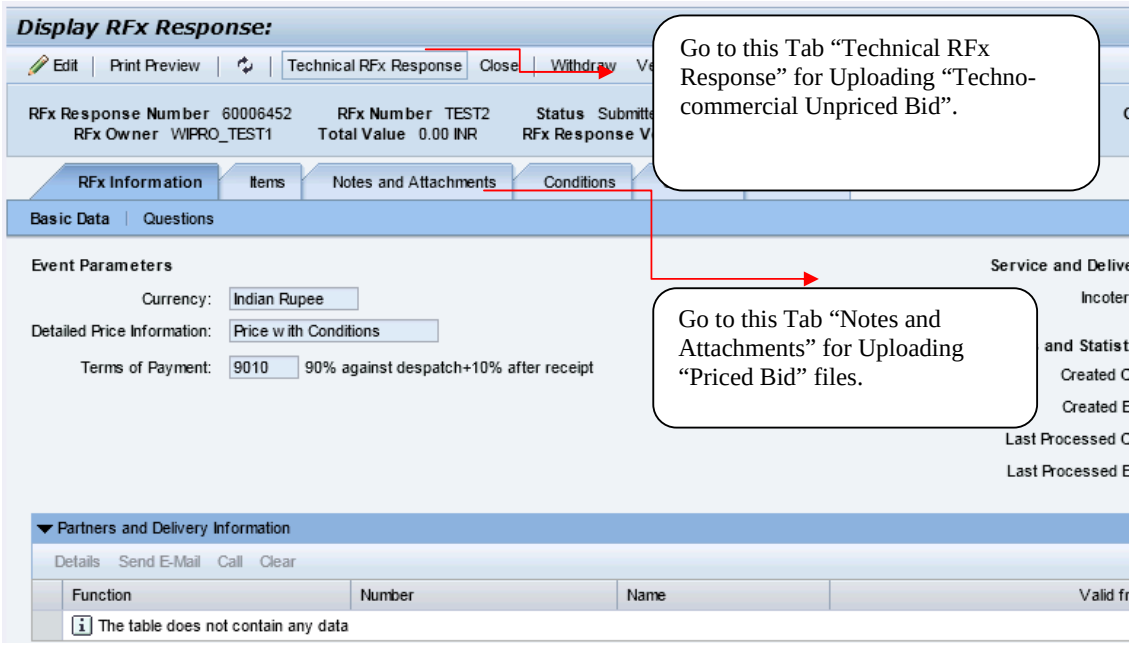
NOTE: PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

3.0 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.

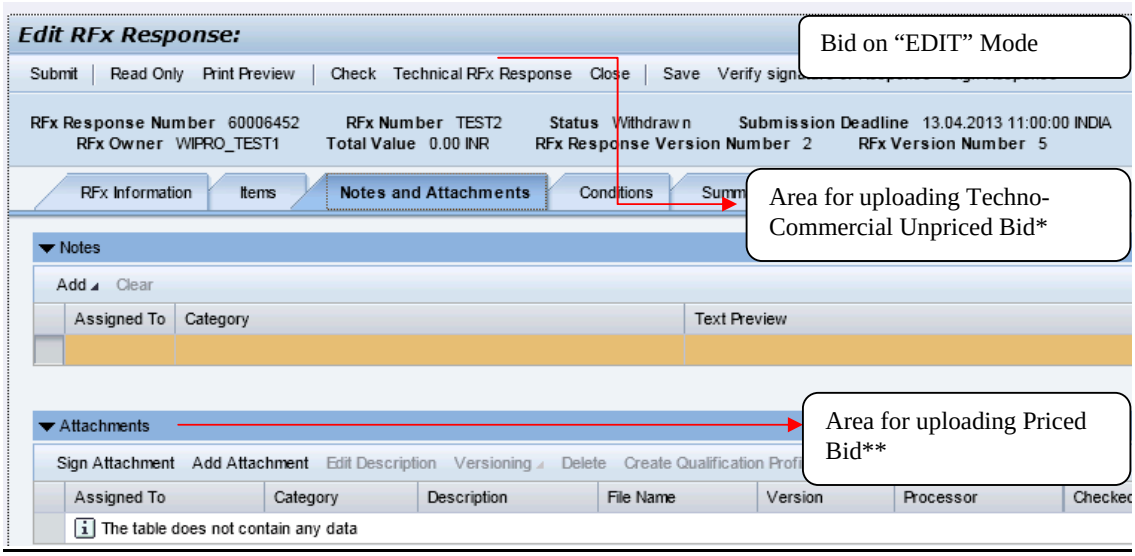
3.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User - > Technical Bid only**.** The "**TECHNO-COMMERCIAL UNPRICED BID**" shall contain all techno-commercial details **except the prices**. **Please note that no price details should be uploaded in** Technical RFx Response**.**

3.2 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".**

3.3 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.



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:



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 Atachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and clock on OK to save the File.

4.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **Head 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 triplicate.

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. 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 returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. 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.**

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

i) SHRI N. GOPLASWAMI, I.A.S. (Retd.),
Former Chief Election Commissioner of India
E-mail Id : gopalaswamin@gmail.com

ii) SHRI RAMESH CHANDRA AGARWAL, IPS (Retd.)
Former Director General of Police
E-mail Id : rcagarwal@rediffmail.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 (LCB 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.

NOTE:

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

Yours Faithfully

Sd-
(R.BARMAN)
SR MANAGER MATERIALAS (ID)
DEPUTY MANAGER MATERIALS (IP)
FOR : HEAD-MATERIALS

Annexure - CCC

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 LCB 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.

Criteria	Complied / Not Complied. (Remarks if any)
1.0 BID REJECTION CRITERIA (BRC): The bid shall conform generally to the specifications and 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. **A) TECHNICAL:** 1. Bidder shall be a manufacturer of PCRs (AC-PCR / DC-PCR / VFD PCR .) used in Drilling Rigs, and supplied PCRs (AC-PCR / DC-PCR / VFD PCR) in the past to PSU / Central Govt. / State Govt./ Public Limited Companies operating in India. Purchase Order/Excise Invoice shall be attached with bid in support of this. Bids from parties other than manufacturers shall not be entertained. 2. Bidder shall have manufacturing facility for manufacturing and assembly of PCRs (AC-PCR / DC-PCR / VFD PCR of his own. He shall supply proof of this facility in his bid. Acceptable proof in this regard shall include any of the following: ➢ ISO 9001 certificates of the facility, ➢ Third party inspection reports mentioning the facility and jobs inspected, ➢ Excise/Tax invoices pertaining to PCRs dispatched from the facility, ➢ Governmental / Municipality approvals/permit for the facility. This is however exempt for suppliers that have previously supplied PCRs to Oil India Limited. However, all bidder should furnish complete address of their manufacturing facility. 3. Bidder shall have manufactured at least 5 PCRs in the last 5 years as on bid closing date in the manufacturing facility stated above, and at least 5 of these PCRs should be working in India at the time of submission of bid. Copies of	

Purchase Orders/ Excise Invoice are to be enclosed with the Bid as a proof of supply. This is however exempt for suppliers that have previously supplied PCRs to Oil India Limited. Bidders that have previously supplied to Oil India Limited should provide a list of Purchase Orders from Oil India Limited, executed successfully.

4. Bidder shall quote for both supply of the AC-PCRs and commissioning of the same, at site in Assam, India. Commissioning shall be done by bidder's own personnel, and not outsourced to other parties.

B) COMMERCIAL:

i). 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 LCB Tenders. Any offer not complying with the above shall be rejected straightway.

ii). Bid security:

The bid must be accompanied by Bid Security of **Rs 10,20,000.00** in OIL's prescribed format as Bank Guarantee or a Bank Draft/Cashier cheque in favour of OIL. The Bid Security shall 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. If bid security in ORIGINAL of above mentioned amount is not received within bid closing date and time , the bid submitted through electronic form will be rejected without any further consideration. For exemption for submission of Bid Security, please refer Clause No. 8.8 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. **The Bank Guarantee towards Bid Security shall be valid for 10 months from Bid closing date. (i.e upto 16.08.2015).**

In case of extension of Bid Closing date against the tender where a bidder has already submitted his bid with requisite bid security validity within the original B.C.Date,such bidders will extend validity of bid security covering the extended period of the bid closing date.

iii). Performance Security:

Successful bidder will be required to furnish a Performance Security **@10% of the order value.** For exemption for submission of Performance Security, please refer Clause No. 9.12 of General Terms and

Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. **The** Performance Security **must be valid for 12 months from the date of commissioning or 18 months from the date of despatch whichever concludes earlier. Bidder must confirm the same in their bid. Offers not complying with this clause will be rejected.**

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

For exemption for submission of Performance Security, please refer Clause No. 9.12 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

~~).~~ iv). *The Bank Guarantee should be allowed to be encashed at all branches within India*.

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

~~).~~ vi). 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.

~~.~~ vii). 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.

viii). 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.

~~).~~ ix). 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.

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

xi). 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 returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly

authorized to sign the bid. **Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway.** 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.

2.0 BID EVALUATION CRITERIA (BEC)

The bids conforming to the technical specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

A) TECHNICAL:

i). The manufactured product should be strictly as per OIL's tender specification.

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".

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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ANNEXURE-IA
TECHNICAL SPECIFICATIONS WITH QUANTITY

Tender No & Date: SDI4617P15 DT: 18.08.2014

	Complied / Not Complied. (Remarks if any)
ITEM NO. 10 QTY= 02 NOS **SUPPLY, INSTALLATION AND COMMISSIONING OF 2 NOS. NEW, OUTDOOR TYPE, WEATHERPROOF AND TRANSPORTABLE, SKID-MOUNTED AC-PCR AT SITE IN DULIAJAN, ASSAM, INDIA** **TECHNICAL SPECIFICATION** 1. CONSTRUCTIONAL FEATURES GENERAL a) SKID b) DIMENSIONS c) CONSTRUCTION OF THE PCR Thermal Insulation Surface preparation and painting Bottom Lift Doors Rubber Floor Mat d) PANEL LINE-UP e) INTERIOR LIGHTING f) RAIN PROTECTION g) BUSBARS h) HARDWARE FOR CONNECTION 2. POWER TRANSFORMERS GENERAL a) QUANTITY b) MAIN TRANSFORMER FOR MCC SUPPLY - Qty - 2 Nos. c) LIGHTING SUPPLY TRANSFORMERS FOR MAST AND RIG LIGHTING (HAZARDOUS AREA LIGHTING): Qty - 2 d) ISOLATION TRANSFORMER: Qty. 1 3. MOTOR CONTROL CENTRE - AC-PCR MCC (Qty - 1 SET) GENERAL a) BROAD SPECIFICATIONS OF THE MCC b) OTHER FEATURES OF THE MCC c) PROTECTION MCCB FOR INDIVIDUAL FEEDERS AND STARTERS d) VOLTAGE OF CONTROL CIRCUITS e) LIGHTING SUPPLY FOR HAZARDOUS AREAS f) AIR CONDITIONER SUPPLY FOR DC-PCR g) POWER FEEDERS h) INTERNAL CABLING i) TYPE OF EARTHING j) NGR SYSTEM	

k) SOFT STARTERS FOR MOTORS ABOVE 55 KW (75 HP)
l) SPARE MOTOR STARTER / FEEDER PANELS
4. PROVISION FOR MOUNTING THIRD PARTY DEVICES
5. PLUG AND SOCKETS / COMPARTMENTS
6. DRAWINGS AND APPROVALS
a) GENERAL
b) PARTS CATALOGUE, OPERATION / INSTRUCTION MANUAL & DRAWING, TECHNICAL INFORMATION & BULLETIN
c) CONFIDENTIALITY
d) INSPECTION BY OIL INDIA
e) SCHEDULE OF SUBMISSION OF DRAWINGS AND DOCUMENTS
7. COMMISSIONING
a) GENERAL
b) RECEIPT OF MATERIALS DESPATCHED FROM MANUFACTURER'S WORKS
c) A GUIDE FOR INSTALLATION AND COMMISSIONING ACTIVITIES EXPECTED
d) PRECAUTIONS TO BE OBSERVED
8. MAKES OF EQUIPMENT
9. STANDARDS
10. AC-PCR STARTERS / FEEDERS (PER MCC)
11. OTHER ISSUES
a) EARTHING OF THE PCR
b) STAGE AND PRE-DESPATCH INSPECTION
c) DETAILED ENGINEERING STAGE
d) TESTING AT MANUFACTURER'S WORKS
e) DESPATCH OF PCRs TO OIL INDIA DESIGNATED SITE IN ASSAM
f) MARKINGS ON THE BODY OF THE AC-PCRs
g) SAFETY CONSIDERATIONS INSIDE THE PCR
12. WARRANTEE / GUARANTEE
13. SPARE PARTS
a) COMMISSIONING SPARES
b) NORMAL SPARES

TECHNICAL SPECIFICATION:

PREMININARY

The proposed AC-PCR shall replace existing AC-PCR. Therefore, the design of the proposed AC-PCRs should be such that all existing tools / equipment operate exactly as before, and also has the capacity to accommodate a reasonable number of extra equipment (future additions).

The PCRs shall be designed for, and operate with an electrical frequency of 50 Hz.

The following shall apply to each AC-PCR.

1. CONSTRUCTIONAL FEATURES:

GENERAL: The Power Control Room (PCR) is expected to be deployed in Assam (India). Hence, the PCR is expected to work satisfactorily under following conditions:

Atmospheric Conditions -

Ambient Temperature - 0 degrees to 45 degrees C

Humidity - Up to 100 % during rainy season.

Altitude - Max 1000 M above MSL
Rainfall - 1800 to 3000 mm average (annual)
Electrical Factors -
Input Voltage to Main Transformers - 600 VAC, +/- 15%
Frequency of Supply - 50 Hz

a) SKID: The Power Control Room (PCR) shall be mounted on heavy duty self-loading skid used in oilfields. The Skid design shall incorporate at least 4(four) longitudinal channels with two mid channels kept sufficiently apart so that the unit can be placed evenly on narrow trailers (general width of trailers 2.4 to 2.6 meters only) with proper load distribution & balancing. Each longitudinal channel of a skid shall be of single length and shall have smooth finish underneath and curve finish at both the end, so that the skid can roll over smoothly on surfaces/truck body without any obstruction.
The skid so designed should be sufficiently strong and properly welded at joints and should be able to withstand shocks while being handled and transported over rough and slushy roads/locations. Height of the joint used for the longitudinal members should be minimum 20 cm. Sufficient provision should be available at both ends for lifting the entire PCR (bottom lift arrangement).
The skid shall be properly prepared, and painted with black coal tar epoxy paint with a final thickness of about 200 microns.

b) DIMENSIONS: PCRs shall have the following limiting dimensions and weight for the structure (not including projections due to door handles, rain protection canopies, light pole brackets etc).

Dimensions: Length 12.0 mtrs. x Width 3.0 mtrs. x Height 3.0 mtrs.
Weight: 28.0 Tonnes
(Note: The skid should be four runner type & the spacing between the middle runners to be kept more for better stability. See "Skid" in section 1a above)

The roof of the PCR shall be plain, without any protrusion. This is necessary for transportation of the PCR.

c) CONSTRUCTION OF THE PCR: The AC-PCR should be an out-door, weather proof, transportable steel housing with self-supporting skid suitable for oil field application and should not be weighing more than the "limiting weight" in Section 1b above.
AC-PCR house columns and ceiling frame are to be constructed from structural steel seam welded. The outside shall be fabricated from twelve-gauge sheet steel. All corners are to be formed by bending leaving no sheet edge exposed. Roof of the PCR should have proper slopes so that no water logging takes place during rainy season.
Thermal Insulation: Walls to be insulated with three-inch thick polystyrene block insulation. The floor and the wall with the receptacles and plugs will not be insulated. The inside surface of the walls shall be finished with a sandwich style insulating board, three eight's of an inch thick with white pebble coating on the interior side and aluminum foil on the exterior side. (Features furnished above are indicative only. Bidder may quote for other type of insulation and surface finish which may offer similar/ higher insulation efficiency so as to maintain the PCR inside temperature within the range indicated in this tender. However, all materials used shall be flame-retardant / non-inflammable.)

Surface preparation and painting: Surface finishing should be Commercial Metal Blast Grade (SSPC-SP-6) 1.5 to 2.5 mils anchor profile before primer painting. Primer and final top coat

shall be of Epoxy / PU, and of premium quality. Top coat colour will be urethane linear white for the external surfaces, and gray for the inner surfaces.
Over all dry film thickness of the painting should not be less than 8 mils (200 microns).
Surface preparation and painting shall be adequate for the harsh rainy & humid environmental conditions.

Bottom Lift: The AC-PCR should be designed for lifting from the bottom. In addition to this top lifting arrangement may also be provided. The layout of the various components (Transformers, MCC, Other equipment) shall be such that the weight is balanced, with the CG near the centre of the PCR.

Doors: Two (2) doors with anti panic hardware will be furnished - one near each end and on opposite sides of the house. Both doors shall be designed to open to the outside by pushing on the crash bar. Doors should have a rubber sealing lining. One viewing port hole should be provided in each door.
Rubber Floor Mat: A rubber/neoprene mat with electrical insulation properties (insulated for at least 1000 Volts) should be provided over the full floor area of the house.

d) PANEL LINE-UP: Panel line up can be provided in centre or wall (attached on both sides with centre corridor). Supplier can offer their standard panel line up arrangement in the PCR. The panel line-up should be such that the PCR is load balanced for easy lifting, with CG in the centre. All components of the panels including Bus bars shall be easily accessible for maintenance and repair.
A minimum distance of 1 metre shall be kept in front of all panels.
e) AIR CONDITIONING: The interior space of the AC-PCRs shall be air conditioned. The air conditioners shall be preferably package type, 2 units each of 2 TR minimum (Total capacity = 4 TR minimum), with air outlets to cover the whole volume of the PCR interior. The AC system shall work on 415VAC, 3 Phase supply, without the requirement of a neutral. The AC unit shall circulate the interior air volume at a rate adequate to provide an interior temperature of 25 degrees (maximum), with an ambient of 45 Degrees (maximum). Proper calculation of the expected cooling capacity expected should be provided by the bidder. The AC units shall be weather-proof, so as not to allow any leakage of rain-water inside the PCR. The equipment / components / controls requiring periodic maintenance shall be easily accessible. The AC unit shall have a noise output limited to 78 dBA, under all conditions of service.
There shall be adequate spare units so that interior temperature is maintained even with failure of one unit.
There shall be two exhaust fans, one on either side of the house, to ventilate the interior incase of air-conditioner failure / shutdown.
f) INTERIOR LIGHTING: Fluorescent lighting fixtures (2 x 40 Watt) is to be provided for aisle lighting. Four- (4) 240 volt Phase - Phase duplex receptacles (suitable for Indian style plug pins) to be included, two at each end of the house. The AC-PCR shall be equipped with two portable (for working in panels) emergency lights which shall adequately light up the AC-PCR in the event of a blackout. Additionally, two emergency lighting fixture with EXIT signs to be also included at each end of the House, near the doors. 240 V Phase-Phase AC power supply shall be used for lighting and space heaters supply.
g) RAIN PROTECTION: The AC-PCR should be designed to work without any external cover or shed. The AC-PCRs, particularly the socket boards, shall be designed to withstand effects of torrential rains (prevalent in the region for eight to nine months a year) lashing at up to 45 degree inclination to the vertical. Rain protection canopies should be provided for all openings.
h) BUS BARS: The AC-PCRs shall be fitted with adequately rated tinned copper bus bars,

insulated with sleeves, cable alleys/trays and vertical bus chambers. The Bus-bars shall have adequate working space in between bars, as well as from bars to bus-chamber walls. A detailed calculation on busbar rating should be provided to OIL before manufacture.
The busbars should be accessible for inspection and maintenance.
i) HARDWARE FOR CONNECTION: Hardware for all bus connections shall be of stainless steel bolts, aircraft locking nuts with nylon inserts suitable for bus bar operating temperature at full load or alternatively hardware with plain & spring washers to be used.

2. POWER TRANSFORMERS:

GENERAL - All transformers shall be specially built dry type, with encapsulated winding. All transformers shall be complete with individual enclosures, and suitable for use in covered sheds / cubicles inside the PCR. Material of winding shall be copper only for all transformers.

These transformers shall be inspected by Oil India before they are integrated with the PCRs. See section 6d below for details of inspection.

a) Quantity: There shall be five power transformers in each PCR:
i. Two Main Transformers (each rated 600 kVA) for MCC supply, with matched impedance for parallel operation, for MCC supply
ii. Two Lighting transformers (60 kVA each) for lights in hazardous areas, capable of parallel operation
iii. One isolation transformer (100 kVA) for camp-site power & general lighting
All the transformers shall be electrically protected through suitably rated MCCBs in the primary and secondary sides.
All live parts of the transformers not insulated shall be protected adequately against accidental contact by persons working nearby.
Transformers shall be placed at suitable positions, taking into consideration working space, socket board positions, equal distribution of weight of the PCR etc.

b) Main Transformers for MCC supply: Qty - 2
Dry type, copper wound, air cooled to power the main bus of the MCC, to meet the auxiliary motor/ other load requirement as described in Section 10 below. The two transformers shall operate in parallel. The Main transformer incomers shall be in the DC-PCR, and there shall be provision in the socket board for accepting these connections.

Broad Specification as under:
Quantity - 2 (Two)
Capacity - 2 x 600 kVA minimum, continuous rating
Voltage - 600/415 volts
Vector Group - Dyn11, Star connected secondary (neutral available at terminal box)
Frequency - 50 Hz
Phases - 3 phase
Impedance - 5% for connection
Ambient temperature - 55 Deg C
Temperature rise above ambient - 115 Deg C. The transformer shall not exceed this temperature rise when operating continuously at full load capacity
Insulation - Class H (or 220 Deg C)
Cooling- Air Natural cooled
Rated power freq. withstand - 3 kV (RMS) or better
Standards - Indian Standard IS: 11171 or equivalent international standard

Primary and secondary side terminations:
1. Three nos. of single core cables on both primary and secondary sides.
2. Size of cable: 1x 300sq.mm flexible copper cable for all phases.
3. Stand-off copper termination (termination using copper flats) shall be provided. All cable lugs shall be terminated using removable nut and bolts.

c) Lighting supply transformers for mast and rig lighting (hazardous area lighting): Qty - 2
Lighting supply transformer [fed from the main 415 VAC bus of ACPCR], Minimum 60 KVA, dry type, 415 V/ 240 V phase-to-phase, 50 Hz, copper wound, air cooled to meet the hazardous area lighting load, as per the following broad specifications:
Quantity - 2 (Two) transformers
Capacity - 2 x 60 kVA, continuous rating
Voltage - 415/240 volts (Phase-to-Phase)
Frequency - 50 Hz
Phases - 3 phase
Impedance - 4%
Vector Group - Dyn11, Star connected secondary, neutral available for connection
Enclosure - IP23 type, with provision for natural circulation of cooling air.
Ambient temperature - 55 Deg C
Temperature rise above ambient - 80 Deg C
Insulation - Class F
Rated power freq. withstand - 3 kV (rms) or better
Standard - Indian standard IS: 11171
Operation: The two transformers shall operate in parallel.

Primary and secondary side terminations:
1. One no. of 3 core, 35 mm2 cable for 415V side and one no. 3 core, 35 mm2 cable for 240V side, per transformer.
2. Stand off copper termination (termination using copper flats) shall be provided. All cable lugs shall be terminated using removable nut and bolts.

The lighting transformer secondary shall be connected to a suitable lighting distribution board, located on the MCC.

d) Isolation Transformer: Qty. 1
Isolation transformer, 100 kVA dry type with the same specification as the lighting transformers, except the following:
Quantity - 1(one) transformer
Capacity- 100 kVA, continuous rating
Voltage - 415/415 volts, Dyn11, neutral available for connection.
The isolation transformer shall be used to supply the non-hazardous, general rig area lighting, crew camp supply and auxiliary loads which need a 240 V phase-to-neutral connection. Neutral of the isolation transformer shall be grounded solidly.

Primary and secondary side terminations:

1. Two nos. 3 core, 35 mm2 cable for both primary and secondary sides.
2. Stand-off copper termination (termination using copper flats) shall be provided. All cable lugs shall be terminated using removable nut and bolts.

3. MOTOR CONTROL CENTRE - ACPCR MCC PANEL (Qty- 1 SET)

GENERAL:
The starters/feeders as given in "10. AC-PCR MCC starter/feeder list", below, are to be incorporated in the ACPCR MCC.

All motors shall be started from MCC located inside PCRs only. No starter panel shall be located near the motors.

There should be provision for "lock-out" of individual starters and feeders, to prevent accidental closing of circuit during maintenance or repair work.

All starters below 55 kW (75HP) should be DOL type. Starters above this (75 HP and above) shall be provided with a "soft starter", with suitable contactor arrangement. One Soft starter shall start a group of four motors.

A Clear space of at least 1 metre shall be provided in front of MCC Panels, as per CEA Regulation 37 (iii) (a).

Control circuits / Push buttons for motors located in hazardous areas shall be powered by intrinsically safe circuits.

a. BROAD SPECIFICATIONS OF THE MCC:
* Bus voltage - 415 Volts AC, 3 Phase 3 Wire (NEUTRAL NOT SERVED), 50 Hz
* Bus current (nominal) - 4000 Amps (indicative)
* Bus material - Copper bars, insulated
* All wires, cables, and connectors to be of copper conductors only.
* Soft Starters for motors over 55 kW (75 HP)
* Spare cubicles - As per list given in "10. AC-PCR MCC starter/feeder list", below.
* Cubicle type - Panel type, non-draw-out.
* Bus Fault Level -suitably rated
* Provision for "lock-out" of all individual starters and feeders for maintenance work.
* All individual starters/feeders in the MCC shall be cubicle type, and not Draw-out type.
* All control circuits for motors located in hazardous areas to be of intrinsically safe type (Type ex-i).

b. OTHER FEATURES OF THE MCC
i) All the starters for AC motors (except LMSS/LMMC, BOP, Bug blower & centrifuge) irrespective of rating are to be housed in the MCC panel of power control room and only push button stations with ON/OFF controls shall be located near respective equipment. All motors and push button stations will be directly connected to the power control room through individual cables and plug sockets. Various auxiliary motor drives, third party equipment (mounted inside the PCR), ACPCR interior lighting and air-conditioning system shall be supplied from the MCC panel through switchgear.
ii) Circuits used for "ON-OFF" control of motors located in hazardous areas shall be intrinsically safe type (Ex-i).
iii) All the components including MCC bus should be approachable from the front. Supplier shall study the total requirement with the space available and shall submit options of panel arrangement for OIL's approval. Starters shall normally be provided with individual cubicle; however 2-3 Feeders / motor starters of 3HP and below can be combined in one cubicle.
iv) The AC busbars shall be adequately rated. A voltmeter and 'bus bar live' indicator lamp

shall be provided to indicate the bus status. Busbars shall be accessible for maintenance. AC bus bars shall be insulated properly. Busbars shall be located on top of the MCC panels, and the panels shall be designed to take the weight of the busbar chamber, cable tray and cables, as necessary.

v) Bus system shall consist of TPN tinned copper bus (neutral bus will not be used), bus chamber and cable alleys in a suitable arrangement. Panels shall be in vertical configuration.

vi) MCC bus shall be fed from the main 2 x 600 KVA transformers (600 V/ 415 V, 3 phase, 50 Hz) in the ACPCR, through suitably rated ACBs.

vii) MCC starter panels shall be suitably rated to cater to auxiliary electrical drive.

viii) Each panel shall contain suitably rated MCCBs, contactors, thermal overload relays, earth leakage circuit breaker, ammeter; OLR reset push button, Hand-Off-Auto selector, indication lamps etc. Each panel shall have its own individual door.

ix) Each motor panel should have the following minimum components located on the front fascia:

- Name plate for identifying the starter panel / cubicle
- One overload reset button,
- MCCB operating handle / lever with TRIP, ON, OFF positions marked,
- LED Indication lamps (with LVGP feature) for motor ON/OFF/OVERLOAD/TRIP,
- Selector switch for HAND / OFF / AUTO for required starters.
- One ammeter to indicate motor current

ix) Components shall be mounted on sheet steel base and all apparatus shall be suitable for front removal. However, ammeters and indication lamps may be mounted on panel doors. MCCBs, Soft starters, HOA, ELCB reset, OL reset switches etc. shall be suitable for operation from outside, without opening the panel door.

x) All breakers/ MCCBs used in the MCC shall be suitable for IT system as per IEC 947-2 / IS 13947. All breakers, MCCBs used in the MCC shall be suitable for disconnection and shall have positive visual isolation. The neutral shall not be served and supply from the MCC bus shall be 3 Phase & 3 Wire. However the neutral bus is to be provided in the MCC.

xi) Each individual starter panel/lighting/ AC unit feeder panel shall be provided with an earth leakage circuit breaker which shall cut off the power supply in case of an earth fault in that particular circuit. Trip setting should be at 300 mA. The control circuit for each starter shall also have its own earth leakage circuit breaker.

c. PROTECTION:

All starters and feeders shall have individual MCCBs as incomers, except those started with the soft starters. However, for the soft starter started motor groups, there will be a single incomer MCCB per group, with sufficient current carrying capacity for simultaneous running of all motors in the group at full load. The following shall be incorporated in every starter circuit, as applicable.

- Short Circuit Protection
- Overload
- Contactor
- Earth leakage trip (100mA & 300mA selectable) - for both power and control circuits.
- Remote (Push Button Station) PBS/ Hand Off Auto feature as required
- Control Circuit voltage shall not exceed 30 V, and shall be intrinsically safe for hazardous areas
- Control Circuit including Remote PBS shall have earth leakage protection

IT system of neutral grounding shall be used in the ACPCR. As per IT system, line to neutral supply cannot be used and hence individual control transformer (415V/30 V) shall be provided for each starter panel. Earth leakage protection shall be provided on the secondary side of the

control transformer for all starters with external/remote PBS for protection of PBS circuit from earth leakage. Control Transformer secondary should be connected to ground.
Main transformer secondary MCCBs shall be 4 pole type, supplying the TPN bus. A single NGR on the neutral bus shall be provided.

MCCB for individual starters/feeders- There will be 3 pole MCCB, fitted with RCD, as the primary device for protection and isolation in all starters. Fuse systems instead of MCCB will not be accepted.
Features of MCCBs -
¢ The MCCBs should be suitable for DOL motor starting (Induction motors) for all motors below 55 KW.
¢ Control supply of individual starters shall be tapped from its own line, the starter shall be in-operative if the MCCB is off. The control circuit shall be of intrinsically safe type for PBS in hazardous areas.
¢ The MCCB shall have clear ON/OFF/TRIP positions.
¢ The MCCB should have facility for time delayed-Overload protection (adjustable 0~10 sec, 0.4~1.0 In), Short Ckt protection (10 In), and RCD with trip setting of 100mA and 300mA
¢ MCCB should be of Line-Load reversible type.
¢ Operating handle should be accessible from the exterior of the MCC cubicle, with the door shut.
¢ The MCCB will be of fixed mounting type, without extended operating handles.
¢ All starters above 55KW shall be provided with soft starters.
¢ All the power cable terminations are to done with proper colour coded terminal blocks (R phase (phase-1)-Red, Y phase (phase-2)-yellow-phase (phase-3)-Blue, Neutral-Black).

The selection of MCCB, contactors and relays for the starter panels should be as per Type 2 coordination.

All components fitted in the starter panels should be of a single make.

All MCCB shall be suitable for secondary injection testing of tripping characteristic by a test kit.

There should be provision for "lock-out" of the incoming power control device (MCCB) to prevent accidental closure during maintenance activity on the circuit.

d. VOLTAGE OF CONTROL CIRCUITS
Push button stations for remote (near the motor) "On / Off" control circuits for all motors located in Hazardous areas shall be of the Intrinsically Safe (Ex-i) type. The voltage used in control circuits for non-hazardous areas shall not exceed 30 volts. Voltages used in control circuits for motors started from Drillers Console (D'CON) shall be decided mutually between OIL and the supplier, during the detailed engineering stage.

e. LIGHTING SUPPLY FOR HAZARDOUS AREAS:
i. Secondary side of the lighting transformers (415/240 VAC, phase-to-phase, supplied from the AC main 415 bus) shall be connected to the 3-phase rig lighting DB, located in the AC-PCR. The lighting DB rating shall be sufficient for supplying the full rig and mast lighting. All outgoing feeders from the DB shall be 240 VAC, phase-to-phase, 2-pole MCB units, with built-in residual current protection (RCBO), tripping at 300mA.
ii. Change-Over Switch - Provision shall be given for supplying the lighting DB from external supply, in case of failure of the lighting transformers. Accordingly, a suitably rated

change over switch shall be provided in the MCC panel, in conjunction with the feeder supplying the lighting transformers. Suitable provision to be kept in the Socket board for accepting such external connections.

f. AIR CONDITIONER SUPPLY FOR DC-PCR:
The DC-PCR, which is air conditioned, draws the power for the same from the AC-PCR. Air conditioning supply for the DC-PCR will be 415 VAC, 3 phase, without requirement of neutral wire. In case neutral is required, it shall be met from local isolation transformers installed for that purpose. However, the exact requirement shall be confirmed during detailed engineering stage.

g. POWER FEEDERS
Apart from motor starter panels, certain other loads are also required, e.g. Welding sets, Hand tools, etc. There should be individual feeders for such loads. A list of such feeders are given in "10. AC-PCR MCC starter/feeder list", below.

h. INTERNAL CABLING
All internal wiring of the MCC starter panels shall be done with 1.1 KV grade fire retardant PVC insulated tinned copper multi-stranded, single core flexible cables with proper lugs.

i. TYPE OF EARTHING:
IT system of neutral grounding with maximum ground fault current limited to 750 mA using suitable NGR as per CEA (Measures Relating to Safety and Electric Supply) Regulations, 2010 is to be used. All breakers, MCCBs shall be suitable for IT system as per IEC 947-2. The neutral shall not be served and supply from the main MCC bus shall be 3 Phase & 3 Wire.
Main Transformers (2 x 600 kVA) output shall be provided with Residual Current Monitors (RCM) for indication/ alarm. Scheme, Type, Make and Model of RCM shall be approved by OIL.

j. NGR SYSTEM:
A NGR system shall be installed in the 415VAC Secondary output from the main transformers. The neutral point of the transformers shall be earthed through a Neutral Grounding resistance. The entire system shall conform to CEA (Measures relating to safety and Electricity Supply) Regulations, 2010 (Rule # 100)
The NGR system shall have the following features:
- Maximum earth fault current limited to 750 mA
- Restricted earth leakage protection at 2x600 kVA transformers' star connected secondary

NGR shall be provided with a Permanent Insulation Monitor (PIM) and NGR monitoring device of reputed make (Bender RC48N or equivalent) with audio alarm in the PCR for monitoring NGR continuity and leakage current. Scheme, Type, Make and Model of PIM shall be approved by OIL during detailed engineering stage. NGR scheme shall have to conform to National/International standards.

k. SOFT STARTER FOR MOTORS ABOVE 55 kW (75 HP)
All motors above 55 kW (75 HP) as listed in "10. AC-PCR MCC starter/feeder list", shall be started by means of a soft starter.
i. There shall be one Soft-Starter for a group of 4 (four) motors.
ii. Each Soft-Starter shall be capable of starting all the motors in its group from zero speed to full speed, with all loads connected.
iii. All safety features as outlined above shall be available for the soft-starter system.

l. SPARE MOTOR STARTER / POWER FEEDER PANELS

Spare starters should be provided as per list provided in "10 - AC-PCR Starters / Feeders" below.

4. PROVISION FOR MOUNTING THIRD PARTY DEVICES

Mounting frame / harness arrangements, sturdy and suitable for fixing the following minimum equipment shall be permanently attached on to an inner wall, or suitable space inside the AC-PCR.

i. EC Brake - One Eddy Current (EC) Brake Control Panel and One Transformer.

ii. Daylight Flasher Controller - One.

(The EC brake controller is Baylor (NOV) make, PWM-20CL type, with associated 25 kVA Transformer, with enclosure.) The mounting arrangements shall consist of steel L-Section bars. The exact design shall be finalized during detailed engineering stage.

The successful bidder shall have to supply and fix incoming power cables and cable trays for powering these devices. The outgoing power and control cables from the devices up to the socket board shall also have to be supplied and fixed by the successful bidder.

The devices will be supplied by OIL, and shall be fixed and connected at site during commissioning.

As a guide for power cable selection, the EC Brake runs on 415VAC, 3 Phase, 50 Hz, 60 HP power, and the daylight flasher consumes about 5 Amperes of 415VAC,

Adequate number of sockets (to be decided during the detailed engineering stage) should be provided at the socket board for field connection of these devices.

5. PLUG AND SOCKET BOARD / PANELS / COMPARTMENTS

a. Suitable metal-clad plug and socket arrangement shall be provided for interconnection of the ACPCR with motors, auxiliary loads, lighting socket board etc. with cables.

b. Socket Board / Compartments shall be of sheet steel.

c. Socket Board / Compartments shall be suitable for ease of quick rig-up and rig-down operations. Matching plugs shall be supplied along with the sockets.

d. Adequate number of plug-sockets for supplying power and control connection to each motor shall be provided in the panels.

e. Socket compartments should be located to either end of the ACPCR. The plug / socket compartments shall be well illuminated and suitably marked for ease of identification of circuits / loads.

f. The plug sockets cable termination shall be crimped type. Horizontal steel bars shall be provided in the socket compartments for supporting the layers of cables.

g. The Socket Panel shall be of Sheet metal, of adequate thickness and adequately grounded.

h. Spare Plug-Sockets: At least four plug-sockets of each rating shall be provided as spare.

i. All Plug-Socket compartments shall be adequately guarded against rain.

6. DRAWINGS AND APPROVALS

a. GENERAL

All information, operating and warning labels and O&M Manuals should be in English only.

The bidder should provide at least one set of parts list, operations manual & maintenance manual covering all the items & its accessories including any special / alignment tools for the same along with the technical offer. Technical details of the electrical system with dimensional drawing (including Layout, arrangement and circuit diagrams) must also be forwarded along

with the technical offer.

Successful Bidder shall provide engineering drawings and BOM for approval of Oil India before manufacturing. All engineering details not covered in these specifications shall be worked out before manufacture. Any corrections / additions / modifications to drawings and BOM requested by Oil India shall be carried out by successful bidder without any cost to Oil India. Manufacture shall start only after written approval from Oil India on all issues. See sub-section "e" below for details about drawing submission schedule.

b. PARTS CATALOGUE, OPERATION / INSTRUCTION MANUAL & DRAWING, TECHNICAL INFORMATION & BULLETIN:
After successful commissioning of the AC-PCRs, the successful bidder shall provide Oil India with seven sets of O&M manuals, BOM, and "as-built" drawings, per AC-PCR. Five of these sets shall be in printed form, and two in electronic form (flash memory format).

Operation & Maintenance manual should cover the following:
" Layout drawing of all components on the unit with details of load distribution
" Literature of all third party devices installed on the AC-PCR
" Safety related Information

c. CONFIDENTIALITY
Any third party details required and obtained by the successful bidder through Oil India, to complete the AC-PCR design shall be kept confidential. All such material shall be returned to Oil India after completion of related job. Any materials or information about Oil India, obtained by the successful bidder during execution of this job shall be kept confidential, returned to Oil India, or properly disposed of.

d. INSPECTION BY OIL INDIA
i. For the Transformers - Oil India shall inspect the transformers (to be used in the AC-PCRs) at the transformer manufacturer's works. Final approval of the transformers before integration with the PCR shall be given by Oil India.
ii. For the AC-PCRs - Oil India shall inspect the AC-PCRs at each stage of manufacture, to ensure their compatibility with existing equipment, adherence to design specifications, as well as to assure that quality is being maintained in materials and manufacturing process. Oil India shall conduct a pre-despatch inspection of the completed PCRs, apart from all the above inspections.

e. SCHEDULE OF SUBMISSION OF DRAWINGS/ DOCUMENTS

Successful Bidder shall submit the following Drawings/ documents at the stages indicated therein:

A. The following Drawings shall be submitted with the Bid:

1 Indicative single line power flow diagram of the AC-PCR, showing all voltage levels, current ratings & short circuit making/ breaking capacities of breakers/ isolators, bus ampere rating (taking into account all generators fully loaded) etc.
2 Details of the Short circuit calculation of the complete electrical system
3 Indicative Layout diagram (Plan), showing all electrical panels of the MCC, Socket boards, Transformers etc.
4 Indicative PCR dimensional drawings, including details of rain protection for

transformers, cable & plug sockets etc.
5 Spare parts/ Spare equipment / Consumables list and quotations of spares

B. The following Drawings shall be submitted after successful commissioning of the PCRs:

1 Equipment literature/ Third party (quality control) inspection report
2 "As-built" drawings,
3 Operation and workshop manuals,
4 Bill of Materials (BOM) and any other relevant documents

7. COMMISSIONING

a. GENERAL

Commissioning of the AC-PCR shall be in the scope of the supplier. Both the AC-PCRs shall have to be commissioned at Oil India's drilling sites in Assam. Successful bidder shall submit a tentative plan for commissioning the AC-PCRs, for approval of Oil India.

Each PCR shall be commissioned separately, at separate locations, and at separate times.

The completed AC-PCR shall be connected to existing equipment (DC-PCR, Electrical motors, devices, cables etc.) in a drilling rig, checked for integrity of connections and acceptable levels of electrical insulation resistance, and powered up (phased up). All devices and interlocks shall be individually tested, and should work exactly as intended. The entire drilling rig, with the AC-PCRs fully integrated shall be tested, and should work exactly as intended. Any problems, design inadequacies, material failure, device malfunction etc. shall be addressed / replaced by the successful bidder. Adequate spares for commissioning activity should be arranged for by the successful bidder.

The time allowed for commissioning shall be mutually decided between the successful bidder and Oil India, but in no case should exceed two weeks per AC-PCR.

Commissioning of each AC-PCR may require more than one visit, depending on availability of drilling rig and other factors. Charges for commissioning shall be paid as one lump-sum, and not per visit.

All personnel, statutory permissions (if required), equipment, tools, tackles and instruments required to commission the AC-PCR at site shall be arranged by the successful bidder. Oil India shall provide 415 VAC, 3 phase power, and transportation to and from Duliajan to drill-site only.

b. RECEIPT OF MATERIALS DESPATCHED FROM MANUFACTURER'S WORKS

The supplier should physically verify upon receipt, all equipment and materials (including commissioning spares etc.) after delivery at OIL's premises.

The supplier should carry out inspection of all the supplied items to ascertain and certify that there all dispatched items have reached site, there is no transit damage and items are complete in all respects and ready for installation. In case of any discrepancy, supplier shall take necessary action for immediate replacement/ replenishment of the same before installation.

c. A GUIDE FOR INSTALLATION AND COMMISSIONING ACTIVITIES EXPECTED:

i. Installation, wiring and laying out of equipment:

On arrival of equipment and materials (commissioning spares etc.) at OIL's premises the supplier should carry out inspection of the supplied items to ascertain and certify that there is no transit damage and items are complete in all respect and ready for installation. In case of any discrepancy, supplier shall take necessary action for immediate replacement/ replenishment of the same before installation.

After receipt, the equipment shall be installed at site. This will include wiring/ cabling, fitting of plugs and sockets and any other activity required to make the equipment ready for commissioning.
The third party devices shall be installed inside the PCR at this stage.

ii. Initial commissioning after start up connection:
This activity will cover electrical insulation checks, wiring checks, phasing up (powering up) of individual equipment and the system as a whole. After start up connection and powering up, the complete system shall be tested at no load and minimum/ low load at OIL's well site. All equipment as well as the whole system shall work exactly as intended. Any modification/ re-wiring/ repair shall be carried out at this stage.

iii. Final commissioning:
The PCR shall be integrated with the other equipment of the Drilling Rig, and operated in conjunction with these pieces of equipment, as a complete system. Any problems, abnormalities, anomalies and defects noticed/ logged during this stage (operation at full/rated load) shall be rectified by the supplier. This will cover setting/ adjustment/ calibration of limits in the control system, drives etc. All equipment as well as the whole system shall work exactly as intended.

d. PRECAUTIONS TO BE OBSERVED:
Oil India's drilling sites have an elaborate system of hazardous areas / zones, where restrictions on electrical equipment operation are enforced. All personnel coming for any activity inside the drilling site is advised to familiarize themselves with such demarcations before commencing any work.

8. MAKES OF EQUIPMENT:
The makes specified herein under are indicative.
Transformers - 2 x 600 kVA Main Trainsformer, 600/415VAC - BHEL / CG / BB / Siemens
Transformers - 2 x 60 kVA Lighting Transformer, 415/240 VAC - BHEL/CG / BB / Siemens
Transformer - 1 x 100 kVA Isolation Transformer, 415/415 VAC - BHEL / CG / BB / Siemens
Plug Sockets - Appleton / BCH / Pyle National
NGR Monitor - Bender / I-Gard
MCC Electrical Items (All items to be of same make) - Schneider / Siemens / L&T
Soft Starters - ABB / Siemens
Air Conditioner - Voltas / Hitachi / Daiken / Carrier / Mitsubishi
Internal Cabling (Single core) - Havells / Finolex

9. STANDARDS
Latest versions of the following Indian / International Standards shall be followed, where-ever applicable:
Rubber Mats - IS 15652:2006 "Insulating Mats for Electrical Purposes - Specification"
Flexible Cables - IS 694:1990 "PVC insulated cables for working voltages up to and including 1100 volts - specification"
Caution Signs / notices - IS 2551
Circuit Breakers - IS / IEC 60947-2
Dry Type Transformers - IS 11171
Earthing - IS 3043 : 1987 Code of practice for earthing
(IS - Indian Stadard; IEC - International Electrotechnical Comission)

10. ACPCR MCC STARTERS/ FEEDERS

The following are the total list of motor starters / feeders to be incorporated in the MCC of each AC-PCR. The successful bidder should have this list re-confirmed by Oil India during the detailed engineering stage, so that any additional additions / deletions / modifications can be incorporated. However, not more than 5 feeders/starters are expected to be modified, added or deleted.

a. LIST OF STARTERS

NAME OF STARTER WITH ASSOCIATED HP/KW RATING

MP1A BLOWER 7.5HP
MP1B BLOWER 7.5HP
MP2A BLOWER 7.5HP
MP2B BLOWER 7.5HP
DWA BLOWER 7.5HP
DWB BLOWER 7.5HP
MUD MIX #1 100HP
MUD MIX #2 100HP
MUD AGITATOR #110HP
MUD AGITATOR #210HP
MUD AGITATOR #310HP
MUD AGITATOR #410HP
MUD AGITATOR #510HP
MUD AGITATOR #610HP
MUD AGITATOR #710HP
MUD AGITATOR #810HP
MUD AGITATOR #910HP
MUD AGITATOR #10 10HP
MUD AGITATOR #11 10HP
MUD AGITATOR #12 10HP
MUD AGITATOR #13 10HP
MUD AGITATOR #14 10HP
MUD AGITATOR #15 10HP
MUD AGITATOR #16 10HP
MUD AGITATOR #17 10HP
MUD AGITATOR #18 10HP
PILL CHAMBER 10HP
SUPERCHARGER #1 100HP
SUPERCHARGER #2 100HP
DESANDER 100HP
DESILTER 100HP
PIT PUMP 100HP
TRIP TANK #1 20HP
TRIP TANK #2 20HP
BRAKE WATER COOLING #1 30HP
BRAKE WATER COOLING #2 30HP
SHALE SHAKER #1 5HP
SHALE SHAKER #2 5HP
SHALE SHAKER #3 5HP
DEGASSER 5HP
MP1 LINER FLUSHER 3HP

MP1 LUBE OIL 1HP MP1 CHAIN OILER #1 1HP MP1 CHAIN OILER #2 1HP MP2 LINER FLUSHER 3HP MP2 LUBE OIL 1HP MP2 CHAIN OILER #1 1HP MP2 CHAIN OILER #2 1HP RECYCLING PUMP #1 10HP RECYCLING PUMP #2 10HP SOURCE WATER WELL #1 5HP SOURCE WATER WELL #2 5HP AIR COMPRESSOR #1 50HP AIR COMPRESSOR #2 50HP DW LUBE OIL #1 5HP DW LUBE OIL #2 5HP FUEL PUMP #1 5HP FUEL PUMP #2 5HP MUD CLEANER #1 5HP MUD CLEANER #2 5HP CELLAR PUMP 5HP BUG BLOWER 5HP WATER AGITATOR #1 10HP WATER AGITATOR #2 10HP WATER AGITATOR #3 10HP WATER AGITATOR #4 10HP MULTISTAGE PUMP 1 100HP MULTISTAGE PUMP 2 100HP IR FILTER WATER 1HP HP JET CLEANER 1HP CEMENTING SUPERCHARGER #1 100HP CEMENTING SUPERCHARGER #2 100HP WATER BOOSTER #1 40HP WATER BOOSTER #2 40HP IRD LUBE PUMP #1 5HP IRD LUBE PUMP #2 5HP AFTER COOLER #1 5HP AFTER COOLER #2 5HP SPARE STARTER #1 40HP SPARE STARTER #2 10HP SPARE STARTER #3 5HP SPARE STARTER #4 5HP SPARE BLOWER 7.5HP SPARE STARTER #5 5HP SPARE STARTER #6 5HP b. LIST OF FEEDERS NAME OF FEEDER WITH ASSOCIATED HP/KW POWER TONG 100HP AC-PCR AIRCONDITIONER 40HP	

DC-PCR AIRCONDITIONER 100HP WELDING MACHINE 100HP AIR DRIER 5HP ISOLATION TRANSFORMER #1 135(KW) ISOLATION TRANSFORMER #2 135(KW) BOP FEEDER 40HP MUD VOLUME TOTALISER 5HP BOP TROLLEY FEEDER 30HP TORQUE WRENCH FEEDER 5HP EZY-TORK FEEDER 5HP LIGHTING PANEL FEEDER #1 135 (KW) LIGHTING PANEL FEEDER #2 135 (KW) EXT. LIGHTING FEEDER 100 (KW) RIG LIGHTING FEEDER 100 (KW) EC / DISC BRAKE FEEDER 100HP MOBILE COMPRESSOR 60HP DIC CABIN / BUNK 20HP MUD LOGGING UNIT 20HP SPARE FEEDER #1 5HP SPARE FEEDER #2 20HP SPARE FEEDER #3 60HP SPARE FEEDER #4 100HP SPARE FEEDER #5 150(KW) 11. OTHER ISSUES a. EARTHING OF THE PCR SHELL Six studs/bolts of M8 size shall be provided on each side of the AC-PCR for grounding. b. STAGE & PRE-DESPATCH INSPECTION As stated in Para 6d above, Oil India's Engineers shall inspect the AC-PCR Shell at various stages of manufacture to ensure job quality and adherence to specifications. A final Pre-despatch inspection shall be conducted by OIL or its representative at manufacturer's works. The AC-PCRs shall be dispatched from works only after receipt of such instruction for each AC-PCR from Oil India. c. DETAILED ENGINEERING STAGE This is the period between award of Purchase order, and the start of manufacture is referred to as the "Detailed Engineering Stage". Successful bidder shall provide OIL with all required drawings, and get them approved before manufacture. All engineering details not covered in these specifications, or specifications requiring modifications, shall be worked out mutually during this "pre-manufacturing" stage. d. TESTING AT MANUFACTURER'S WORKS Successful Bidder shall have to test the PCR at Manufacturer's works, and provide the following certificates to Oil India before despatch: Factory Acceptance Test Certificate Manufacturer's Quality Assurance Plan and Certificate of adherence to this plan Welding NDT Report for all welds at important points of the AC-PCR body Bidder to take note that the despatch clearance would not be given if the above certificates are	

not produced duly signed and authenticated.

e. DESPATCH OF AC-PCRs TO OIL INDIA DESIGNATED SITE AT ASSAM
After completion of manufacture and testing at Manufacturer's works, supplier shall have to arrange for despatch of the AC-PCRs to site at Duliajan. The exact site will be communicated by Oil India at the time of despatch. The entire PCR shall be adequately packed and sealed to avoid ingress of dust and water during travel, as well as to afford mechanical protection to the PCR.

All arrangements in this regard will have to be borne by supplier.

Bidders shall confirm categorically that Installation & Commissioning of the Rig Package with all accessories would be carried out by their competent personnel at OIL's designated drill site, in Duliajan, ASSAM, INDIA. However, the basic facilities required for installation & commissioning such as to & fro transportation to site from Duliajan, Crane service, electric power (3 phase, 415 VAC), water supply, pressurized air etc. shall be provided by OIL. All other facilities are to be arranged by the supplier.

Bidders, quoting for any bought out / third party item(s) should undertake & comply with Guarantee / Warranty clause indicated elsewhere in this tender.

f. MARKINGS ON THE BODY OF THE ACPCR
The following shall be done after external painting of the PCR is complete.
The Two ends of the PCR shall be labeled "Draw works End" and "Compressor End", as appropriate.
The sides will be painted with Oil India's logo (to be provided), and the Words "Oil India Limited", "A Government of India Undertaking", "AC-PCR", "Rig # ", the Purchase Order Number, Dimensions and weight of the AC-PCR, Manufacturer's Name and any Lifting Instructions.

g. SAFETY CONSIDERATIONS INSIDE THE PCR
Appropriate warning labels and safety provisions shall be made in the PCR to caution the operating and maintenance personnel against potential hazards and to prevent direct human contact to any live part or rotating part during operation.

12. WARRANTEE / GUARANTEE
Bidder should confirm in their bid that they will provide warranty / guarantee for a period of 1 year (12 months) from date of successful commissioning of each AC-PCR at site. This guarantee shall cover all items of the PCR package, including (but not limited to) the skid, housing, all the internal components and any spares supplied. Any repairs / replacements required during this Warrantee period shall be carried out by the successful bidder, on site, at no cost to Oil India.

Repairs / replacements shall normally be carried out at site by the supplier. However, in serious problems the AC-PCRs may need to be returned to factory for major repairs. If the AC-PCR needs to be returned to the factory for repairs due to manufacturing or design problems, all transportation and repair charges shall be to supplier's account.

13. SPARE PARTS

a. COMMISSIONING SPARES

Successful bidder should arrange for all spares, equipment, instruments etc., required during commissioning of the AC-PCRs. A list of spares shall be provided to Oil India before commencement of commissioning activities.

b. NORMAL SPARES
A List of spares for two years normal operation of all equipment / system should be included in the offer; indicating item, part no. & quantity required. Item wise price of such spares should also be provided in commercial part of the bid. Bidder should indicate the part nos. against each item along with OEM's part no. if any. The cost of spares will not be considered for price comparison. Purchase of these spares will be optional. Bidders must confirm the same along with the availability of spares for next 10 years.

c. COMPULSORY SPARES
The following shall have to be quoted for supply along with the AC-PCRs and shall be evaluated.
i) Soft Starter, of the make, model and rating to the one appearing in para "3k Soft Starter for motors above 55 kW (75 HP)" above; Quantity - 1 (One)

NOTE:-

Supply, Installation and Commissioning of 2 nos. New, Outdoor type, weatherproof and transportable, skid-mounted AC-PCR at site in Duliajan, Assam, India

Auxiliary Control PCR (AC-PCR) shall house
- MCC for all other auxiliary motor starters/ feeders
- Two Main transformers (2 x 600 kVA), 2 nos. lighting transformers and 1 no. isolation transformer
- Soft starters for starting motors 55 kW (75 HP) and larger.
- Intrinsically Safe circuits for remote control of motors located in hazardous areas.
- Spare Starters
- Aviation (white) warning light controller
- Plug socket compartments for interconnection with various main and auxiliary loads.
- Any other electrical system necessary for operation of the rig electrical equipment

Successful Bidder shall interact closely with OIL during detailed Engineering stage to firm up the specifications for individual equipment, wherever necessary.

Bidder shall manufacture the AC-PCRs at their works, and transport the completed AC-PCR to Oil India's designated site at Assam, India.

Bidder shall have adequate facilities for supply of AC-PCR spare parts for at least ten years. A certificate to this effect shall be attached with the bid.

Bidder shall have well equipped testing and repair set-up in India, suitable for complete testing and repair of PCRs, including repairs to the skid and housing. Facilities available shall include, but not be limited to, welding and painting. The set-up should include both on-site repair, as well as factory repair capability. Bidder shall furnish, as proof of capability of the repair facility, along with the bid, any of the following: Job Orders, Customer satisfaction reports / MOM, Quality Certificates pertaining to the facility, Third party inspection reports mentioning the facility and jobs inspected. In addition, bidder should furnish complete address of this repair facility.

The AC-PCRs shall be brand new, unused, manufactured especially for Oil India, and free from any manufacturing defect. This shall be categorically stated by the bidders in their quotations. Offers shall be complete in all respects and all the items/equipment as specified in the tender must be included in the package. Offers deemed to be incomplete shall be rejected. (Bidders may quote additional items / equipment or accessories, other than Handling Equipment, not covered in this enquiry, if felt necessary for the completeness and efficient operation of the AC-PCRs). The limiting dimensions for the AC-PCR shall be 12m (L) x 3m (B) x 3m (H) and weight limited to 28 tons. In support of BRC clause no. 3, bidder should enclosed a list of PCR users and their respective contact details.	
Item No. 20 - Qty – 01 AU **Installation and Commissioning**	

NOTE:

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

CHECKLIST – I

Answer to the following questions shall be compulsorily attached with the Bid.

1. Are you a manufacturer of PCRs (AC-PCR / DC-PCR / VFD PCR) used in Drilling Rigs? (Yes / NO)
Bids from parties other than manufacturers shall not be entertained.
Have you attached copies of Purchase Orders with bid as proof of supply? (Yes / NO)

2. Do you have adequate manufacturing facility for manufacturing and assembly of AC-PCRs at you own facility? (Yes / NO)
This is however exempt for suppliers that have previously supplied PCRs to Oil India. If you are claiming exemption under this, please attach proof of having supplied PCRs in the past to OIL, else your bid may be rejected.
Have you attached proof of your manufacturing facility in the bid. (Yes / NO)

3. Have you manufactured at least 5 PCRs in the last 5 years in the manufacturing facility stated at 2 above, and are at least 5 of these PCRs working in India at the time of submission of bid. (Yes / NO)
A list of users and respective contact details should be enclosed with bid.
This is however exempt for suppliers that have previously supplied PCRs to Oil India.

4. Bidder shall manufacture the AC-PCRs at their works, and transport the completed AC-PCR to Oil India's designated site at Assam, India.
Bidder shall have adequate facilities for supply of AC-PCR spare parts for at least ten years.
Please attach a certificate to this effect, with the bid.

5. Do you have a well-equipped testing and repair set-up in India, suitable for complete testing and repair of PCRs, including repairs to the skid and housing. Facilities available shall include Welding and painting. The set-up should include both site repair, as well as factory repair capability.

6. Have you in your bid, included a description of the repair and testing set-up facility in India? (Yes / NO)

7. Bidder shall quote for both supply of the AC-PCRs and commissioning of the same, at site in Assam, India. Commissioning shall be done by bidder's own personnel, and not outsourced to other parties.
Please attach a certificate to this effect.

8. The AC-PCRs shall be brand new, unused, manufactured especially for Oil India, and free from any manufacturing defect. This shall be categorically stated by the bidders in their quotations.

9. Offers shall be complete in all respects and all the items/equipment as specified in the tender must be included in the package. Offers deemed to be incomplete shall be liable for outright rejection. (Bidders may quote additional items / equipment or accessories, other than Handling Equipment, not covered in this enquiry, if felt necessary for the completeness and efficient operation of the AC-PCRs).

10. The limiting dimensions for the AC-PCR shall be 12m (L) x 3m (B) x 3m (H) and weight limited to 28 tons. Please state your maximum expected dimensions and weight.

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. **SDI4617P15** 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 h e/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 risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the

amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

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 form 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 intensions.

(R.BARMAN)
SR MANAGER MATERIALAS (ID)

For the Principal

For the Bidder/Contractor

Place. Duliajan.

Witness 1 : .....

Date 19.08.2014 .

Witness 2 : .....

Bidders Response Sheet **Annexure-FFF**

Tender No.	
Bidders Name	

Sl No.	Description	Remarks
1	Name of Bidder	
2	Whether tender document purchased from OIL's offices.	
3	Place of Despatch	
4	Whether Freight charges have been included in your quoted prices	
5	Whether Insurance charges have been included in your quoted prices	
6	Make of quoted Product	
7	Offered Validity of Bid as per NIT	
8	Delivery Period in weeks from placement of order	
9	Complied to Standard Payment Terms of OIL or not.	
10	Bid Security Submitted (if applicable)	
11	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
	c) Name and Full Address of Issuing Bank:	
12	Confirm that the Bid Security submitted (In case of Bank Guarantee) is in toto as per format provided in the tender.	
13	Bid Security if Not submitted reasons thereof	
14	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
15	Integrity Pact Submitted (if applicable)	
16	Confirm that the Integrity Pact submitted is in toto as per format provided in the tender.	
17	Whether submitted documents in support of General Qualification criteria of NIT	
18	If bidder is Small scale unit whether you have quoted your own product	
19	If bidder is Small scale unit whether you are eligible for purchase preference (as per Govt guideliness)	
20	Whether filled up the bank details for online payment as per Annexure GGG	

NOTE: Please fill up the greyed cells only.

Technical Bid Checklist **Annexure-EEE**

Tender No.	
Bidder's Name :	

		Compliance by Bidder	
SL. NO.	**BEC / TENDER REQUIREMENTS**	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	**Bidder to confirm that he has not taken any exception/deviations to the bid document .**		
2	**Confirm that the product offered strictly conform to the technical specifications.**		
3	**Confirm that the Offer has been made with Bid Bond / Bank Guarantee / Earnest Money along with the offer (Wherever Applicable) ?**		
4	**Confirm unconditional validity of the bid for 120 days from the date of opening of techno-commercial bid.**		
5	**Confirm that the prices offered are firm and / or without any qualifications?**		
6	**Confirm that all relevant fields in the on-line biding format been filled in by the bidders for the items quoted by them.**		
7	**Confirm that the the price bid is in conformity with OIL's online bidding format ?**		
8	**Confirm that the Bid comply with all the terms & conditions ?**		
9	**Confirm that the offers and all attached documents are digitally signed using digital signatures issued by an acceptable Certifying Authority (CA) as per Indian IT Act 2000.**		
10	**CONFIRM THAT YOU HAVE SUBMITTED THE DULY SIGNED INTEGRITY PACT DOCUMENT (Wherever Applicable)**		
11	**CONFIRM THAT YOU HAVE SHALL SUBMIT PERFORMANCE BANK GUARANTEE AS PER NIT IN THE EVENT OF PLACEMENT OF ORDER ON YOU (Wherever Applicable)**		
12	**CONFIRM THAT YOU HAVE SUBMITTED DOCUMENTS AS PER GENERAL QUALIFICATION CRITERIA**		

NOTE: Please fill up the greyed cells only.

ANNEXURE - GGG

(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.**