

OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Udayan Vihar -781171
Guwahati, Assam(India)

OIL INDIA LIMITED invites Local Competitive Bid (LCB) under Two Bid System through its e-Procurement portal <https://etender.srm.oilindia.in/irj/portal> for the following item:

| e-Tender no. / B. C. Date | Material Description |
|---|--|
| SGI7516P16 B.C. Date: 06.08.2015 | Procurement, Installation, Commissioning , Testing and Handing over of Generating Set, Control Panel, Distribution panel |

Tender fee (Non-refundable) : **Rs. 1000.00**; Bid Closing/Opening Time: (11:00Hrs)IST/(14:00Hrs)IST; Period of sale of documents: 22.06.2015 to one week prior to bid closing date. The complete bid documents and details for purchasing bid documents, participation in E-tenders are available on OIL's e-procurement portal <https://etender.srm.oilindia.in/irj/portal> as well as OIL's website www.oil-india.com.

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

Note: A Pre-Bid Conference against above tender will be held in Guwahati, Assam on 21st July , 2015.



OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Udayan Vihar – 781171
Guwahati, Assam (India)

TELEPHONE NO. (91-361)2643685/688
FAX NO: (91-361) 2643686
Email: panchali@oilindia.in ; erp_mm@oilindia.in

FORWARDING LETTER

Tender No & Date : SGI7516P16 dated 15.06.2015
Tender Fee : Rs 1,000.00
Bid Security Amount : **Rs. 2, 19, 700.00**
Bidding Type : **SINGLE STAGE TWO BID SYSTEM**
Bid Closing on : As mentioned in the Basic Data of e-portal
Bid Opening on : -do-
Performance Guarantee : Applicable
Integrity Pact : Applicable

OIL invites Bids for Procurement, Installation, Commissioning , Testing and Handing over of Generating Set, Control Panel, Distribution panel through its e-Procurement site under **SINGLE STAGE TWO BID SYSTEM**.

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

NOTES:

- (1) A Pre-Bid Conference with the Parties will be held in Guwahati (India) on 21st & 22nd July , 2015 to discuss on the technical specifications and other terms and conditions of the tender. All the Parties who purchase the Bidding Document within the closing date of sale of the tender will be eligible to attend the Pre-Bid Conference. The exact venue and time of the Pre-Bid conference will be intimated to the Parties at a later date.
- (2) Clarification on the technical specifications and other terms & conditions of the Generating Set, Control Panel, Distribution panel shall be provided to the parties during the Pre-bid Conference. Parties should come fully prepared to the Pre-bid Conference and submit their queries to OIL in the Pre-bid Conference for clarification. The set of queries in 'Word format' may also be sent to OIL at least 7 (seven) days before the Pre-bid Conference for study by OIL. OIL will not be responsible for non-receipt or late receipt of any bidder's query in OIL's office.
- (3) Any changes in the technical specifications and other terms & conditions of the Generating Set, Control Panel, Distribution panel arising out of discussion in the Pre-bid Conference shall also form part of the bidding document.
- (4) At the most 2 (two) representatives from each prospective bidder shall be allowed to participate in the pre-bid conference. All costs for attending the pre-bid conference shall be to prospective bidders' account.

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

CHIEF MATERIALS MANAGER
OIL INDIA LIMITED (PIPELINE HEADQUARTER)
P.O UDAYAN VIHAR, PIN – 781171,GUWAHATI
ASSAM, INDIA
FAX NO. : +91 - 361 – 2643686
E-Mail : oilmatpl@oilindia.in
panchali@oilindia.in

Standard Notes:

1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

2.0 This Bidding document consists of :
Technical specifications and Quantity as per **Annexure – AAA**,
Bid Rejection & Bid Rejection Criteria as per **Annexure-BBB**
Technical bid check list as per **Annexure –EEE** ,
Response sheet as per **Annexure -FFF** and
Bank Details as per **Annexure-GGG**.

Integrity Pact (Annexure-DDD), Vendor User Manual and LCB Doc Booklet (revised) have been uploaded separately in the Technical RFx -> External Area - > Tender Documents

3.0 The tender shall also be governed by the Bid Rejection & Bid Evaluation Criteria given in enclosed

4.0 **Annexure-BBB**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-BBB**) 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.

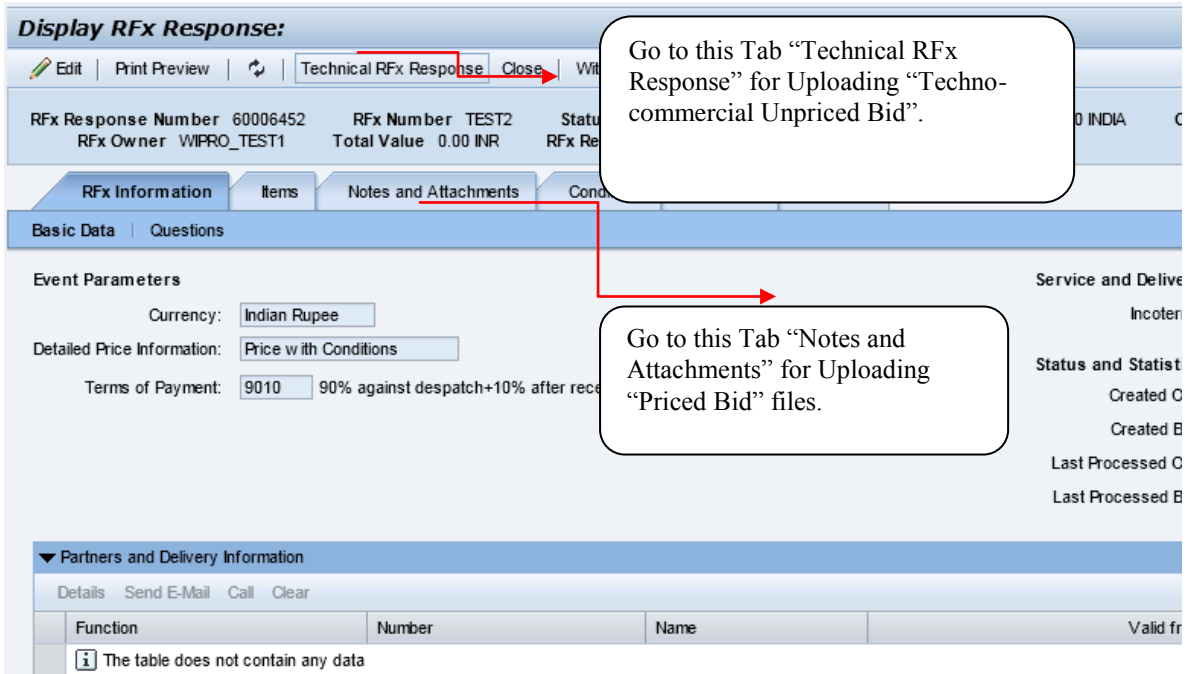
5.0 Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) , Response sheet (**Annexure FFF**) and Bank Details (**Annexure GGG**) given in the bidding document uploaded in Technical RFx -> External Area - > Tender Documents. The above filled up documents to be uploaded in the Technical RFX Response.

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

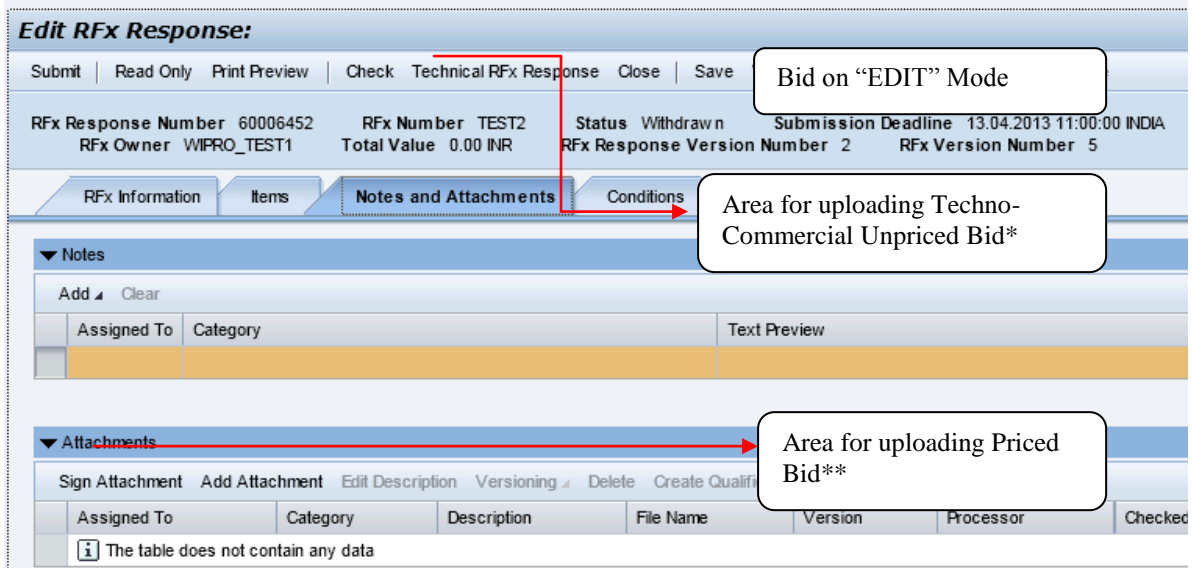
6.0 In case of SINGLE STAGE-TWO BID SYSTEM, bidders shall prepare the “Techno-commercial Unpriced Bid” and “Priced Bid” separately and shall upload through electronic form in the OIL’s e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender. The “Techno-commercial Unpriced Bid” shall contain all technical and commercial details **except the prices which shall be kept blank. Details of prices as per Bid format / Commercial bid to be uploaded as attachment in the Attachment Tab “Notes and Attachments”.**

6.1 A screen shot in this regard is given below.

Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender.



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 file. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

IMPORTANT NOTE : NO PRICE SHOULD BE INDICATED IN TECHNICAL BID

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

7.0 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:

- i). **Successful execution of a single order of value not less than Rs. 65.90 Lakhs for supply of similar items during last 3 years .**

ii). Annual turnover of the firm in any of the last 3 financial years or current financial year should not be less than Rs. 219.67 Lakhs.

8.0 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 Guwahati is to be sent to Chief Material Manager , Oil India Limited (Pipeline Headquarter), P.O. Udayan Vihar, Guwahati -781171. Application shall be accepted only upto 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 bidding document 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 bidding 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 bidding document mentioned in the tender.

If the MSE is owned by SC/ST Entrepreneurs, the bidder shall furnish appropriate documentary evidence in this regard. The documents submitted by the bidder shall be duly certified by the Statutory Auditor of the bidder or a practicing Chartered Accountant (not being an employee or a Director or not having any interest in the bidder’s company/firm) where audited accounts are not mandatory as per law.

9.0 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 **Chief Material Manager , Oil India Limited (Pipeline Headquarter)**, P.O. Udayan Vihar, Guwahati -781171 on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security (if not paid online)**
- 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.

9.1 Tender Fee and Bid Security can also be paid through payment gateway in the e-tender portal. Please refer to Vendor User Manual updated in the e-tender portal as well for further details.

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

11.0 Bidders must ensure that their bid is uploaded in the system before the Bid 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.

12.0 Bid must be submitted electronically only through OIL’s e-procurement portal. Bid submitted in any other form will be rejected. All the Bids must be Digitally Signed using “Class 3” digital certificate (*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” digital certificate, will be rejected.

13.0 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).

14.0 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.

15.0 Integrity Pact:

(a) 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:

SHRI RAGHAW SHARAN PANDEY, IAS (Retd.),
Former Secretary, MOP & NG,
e-Mail ID : rspandey_99@yahoo.com

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

16.0 No press advt. will be published regarding amendment to Bidding Document or extension of BC Date. The same will be uploaded in OIL website and informed to all prospective bidders who have been allowed to participate against the particular e-tender.

Yours Faithfully

Sd-

(P.THAKURIA)

DEPUTY MANAGER MATERIALS (PL)
FOR CHIEF MANAGER MATERIALS (PL)
FOR : GENERAL MANAGER (PLS)

Tender No. SGI 7516 P16 dated 15.06.2015

| Item srl no | | Quantity | UOM |
|-------------|--|----------|------|
| 10 | <p>Item Description:</p> <p>CPCB approved 25 KVA Diesel Generator (DG) Set with acoustic enclosure</p> <p>Scope:</p> <ol style="list-style-type: none"> 1) Manufacture, Assembly, pre-dispatch Inspection & Testing & Supply of DG sets with acoustic enclosure as per technical specifications mentioned below 2) Supply of Air Intake & Exhaust Ducting, Exhaust Silencer Piping 3) Supply of all accessories for Fuel supply & return from existing piping from Diesel tank 4) Supply of all electrical cables & earthing connectors from the DG set 5) Supply of Commissioning spares & two (2) years OEM recommended spares for each DG set 6) Submission of Documents, Manuals & other records 7) Delivery of one set at each Repeater Station (as per attached Station list) 8) Safe Unloading & storage till installation <p>General Conformity with Statutory Acts, Rules, Standard & Codes:</p> <ol style="list-style-type: none"> 1) All components shall conform to relevant Indian Standard Specifications, wherever existing, amended to date. Otherwise, International standards such as ISO, BS, IEC, IP etc. shall be complied, as applicable. 2) OISD standard shall be followed for guidelines on safety, wherever applicable. 3) All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act 2003 and Indian Electricity Rules 1956 as amended up to date. 4) Central Pollution Control Board (CPCB), India rules & norms for Noise Limits, Emission levels & other parameters, as applicable. <p>(a) TECHNICAL SPECIFICATION - RECIPROCATING INTERNAL COMBUSTION ENGINE:</p> <p>Diesel Engine, Air cooled, 3 cylinder, vertical inline, 4 Stroke, Compression Ignition, capable of developing net minimum 32 BHP at 1500 RPM. Performance rating as per IS 10000:1980 as amended to date. The engine shall be of standard design of the original manufacturer and suitable for operation in following site condition - Maximum/ Minimum Temperature : 48/ 05 DEG C; Maximum Humidity at 21 DEG C : 100 %, at 35 DEG C : 95 %, at 41 DEG C : 70 % The engine shall conform to ISO : 3046 specifications and shall be rated for continuous power with an over load power rating of 110% of the continuous power corresponding to engine application for a period of 1 hr within a period of 12 hrs operation.</p> <p>Performance rating as per IS 10002: 1981 as amended to date and maximum fuel consumption as follows: Specific Fuel Consumption (SFC) for direct injection engine is 252 g/ Kwh and for indirect injection engine is 277 g/ Kwh.</p> <p>Each engine to be completed with following accessories:-</p> <ol style="list-style-type: none"> 1. Self Starter: 12 Volt Electric Starting system with starter motor and other accessories including battery and battery leads. Both the positive and negative terminals of the 12 volts self starter for starting the engine should be insulated from its body. 2. Battery Charger: The battery charger is to be a solid-state device with adjustable float voltage control. It is to be a constant voltage device with current limit, and it is to include an equalize switch which will allow the battery to be overcharged for maintenance purpose. Alternatively, with battery charging alternator unit and voltage regulator suitable for starting batteries. 3. Lube Oil Systems: A special lube oil system to sustain preferably longer continuous unmanned operations with wider sump design or with additional Lube Oil tank. The lubricating system should comprise of lubricating oil pump, lubricating oil filter with a replaceable paper element, lubricating oil cooler, lubricating oil pan and crankcase breather. The lubricating oil pump shall be a positive displacement type that is integral | 15 | Nos. |

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| <p>with the engine.</p> <p>4. Heavy duty Lubricating Oil Filter with provision for water separation</p> <p>5. Lube Oil Pressure Switch.</p> <p>6. Lube Oil pressure Gauge or Digital Display in Engine Integrated control panel</p> <p>7. Lube Oil Temperature switch</p> <p>8. Lube Oil Temperature Gauge or Digital Display in Engine Integrated control panel</p> <p>9. Exhaust Temperature Gauge.</p> <p>10. Engine Tachometer (or may be included in the control panel)</p> <p>11. 12 Volts stop solenoid energized to run with auto disconnection of starting cell. Operation voltage of cut-off solenoid shall be 12 volts DC.</p> <p>12. Heavy duty Dry type Air cleaner with a vacuum indicator with dry element requiring replacement no more frequently than 500 hours</p> <p>13. Engine should be supplied without its diesel tank, as in OIL Repeater Station there is a Separate Diesel tank of capacity 12 KL to feed the engine (along with return piping for Leak-off fuel)</p> <p>14. Protection devices for:</p> <p>a) Low Lube Oil Pressure & High Lube Oil Temperature shut down: One no. Low lube oil pressure (LLOP) switch and one no Lube oil temperature (LOT) switch to be incorporated with the engine for protection of low lube oil pressure and high lube oil temperature respectively. These both switches are comprising with one normally opened and one normally closed contact (1 NO + 1 NC). The operating range for the LLOP switch should be 1.5 ± 0.15 Kg/cm² & LOT should be $125 \text{ }^\circ\text{C} \pm 30^\circ\text{C}$ as per norm.</p> <p>b) High Cylinder Head Temperature shut down: One no. High Cylinder Temperature (HCT) switch to be provided with the engine, which consists of one normally closed contact (NC) for protection of engine cylinder head from excessive temperature. The operating range of temperature switch should be within $170 \text{ }^\circ\text{C}$ to 200°C</p> <p>c) Over Speed Shut-down.</p> <p>d) V-Belt Failure Shut-down: One no V-belt switch comprising with 1 normally opened & one normally closed contact for monitoring of cooling system & to incorporate safety shut down.</p> <p>15. Fuel system: It shall be fed through engine driven fuel pump. Replaceable element Fuel Filter (preferably twin fuel filter arrangement) shall be suitably located to permit easy servicing. Fuel inlet line to the engine shall be having stainless steel flexible connection to take care of vibration/shock, if any, in the system. Any piping modification, new valve & hose required shall be in the scope of the supplier. All such materials shall be of good quality and suitable for use in Oil & Gas Industry.</p> <p>16. Governor: The engine speed governing system shall be of inbuilt type with the engine with Governor (Preferably WOODWARD make) and related linkages. The engine governor shall be Mechanical / Mechanical-Hydraulic / Electronic Speed Control with EG Electro-Hydraulic actuator or Barber Coleman Equal. Speed drop shall be extremely adjustable from 0 (isochronous) to 10% from no load to full rated load. Steady state frequency regulation shall be ± 0.5 percent. The engine governing should be in accordance with Class G2 Governing specified in ISO 8528-1 : 2005 / Governing Class A2 as per IS:10000-7 (latest version).</p> <p>17. Absorption type exhaust silencer with exhaust pipe and stainless steel bellow.</p> <p>18. Hot Air Outlet Ducting: A proper customized arrangement of duct is to be made for discharging accumulated hot air within the canopy to open atmosphere outside the engine room. Ducting shall be made from MS sheet of minimum 1.5 mm thickness with good workmanship & finishing.</p> <p>19. Cold Air Inlet Ducting: A proper customized arrangement of duct for fresh air suction is to be made using the existing air route of engines at the Repeater Station. Ducting shall be made from MS sheet of minimum 1.5 mm thickness with good workmanship & finishing.</p> <p>20. Exhaust System: Dry exhaust manifold & heavy duty exhaust pipe to take hot engine exhaust outside the engine room. Suitable residential grade silencer arrangement to reduce noise level is to be incorporated. Exhaust Piping should be installed with appropriate insulation and shielding and to be supported and braced to prevent weight or thermal growth being transferred to the engine and flexible expansion fittings provided to accommodate thermal growth. Exhaust stack height above building height shall conform to required norms.</p> <p>21. Fan and Belt guarding: The fan, fan drive, and fan belts shall be covered with guarding for personnel protection. Non-sparking guards over belt drives and couplings</p> | | |
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has become mandatory as per recommendation of OISD (Oil Industry Safety Director) (OISD-STD-127)

22. Dynamically balanced flywheel with gourd.

23. Necessary flexible coupling and non-sparking gourd for alternator and engine (applicable only for double bearing alternator).

24. The bidder shall submit the technical data sheet & catalogue of the engine along with relevant performance rating Curves and following specific data:

i) Gross HP developed at rated RPM

ii) Net HP developed at rated RPM

iii) Maximum fuel consumption in Ltr/Hr- at 100 % , 75 % & at 50 % Load.

(b) TECHNICAL SPECIFICATION - ALTERNATOR:

1. Capacity : 25 KVA brushless

2. Voltage : 400/415 V, 50Hz

3. Phase: 3(Three) Phase.

4. Power Factor: 0.8

5. RPM : 1500

6. Class of Insulation : Class F/H

7. Duty: SI Conforming to IS4722-1968 or IS 13364/4722

8. Amb. Temperature: 40 Degree Centigrade

9. Phase Sequence : IS 13364 /4722 (UVW-CW)

10. REGULATION: The Alternator should have voltage and frequency regulation within $\pm 2.5\%$ from No load to Full load with a maximum recovery time not more than 3 (three) seconds. The Alternator should build up full voltage instantaneously as soon as the engine attains full RPM (i.e. 1500 RPM)

11. TERMINAL BOX: The terminal box of the Alternator should be suitable for connecting 4 x 25 Sq.mm multi stranded PVCA aluminium cable with a detachable cable entry plate. The terminal block should be made of non hygroscopic materials with good insulating properties and strong enough to withstand the cable load and the temperature generated inside the Generator's control room.

12. HOUSING AND MOUNTING: The Alternator should be directly coupled with the prime mover (above engine) and both shall be mounted on a common fabricated channel base frame complete with anti vibration mountings.

(c) TECHNICAL SPECIFICATION - ACOUSTIC ENCLOSURE:

The generating set comprising of engine coupled with alternator for each set should be placed inside an acoustic enclosure having the following salient features:

i) The acoustic enclosure should be of modular construction with the provision to assemble and disassemble easily at site. There should also be adequate provision of taking out the equipment for maintenance / repairing jobs and reinstalling the same after necessary corrective action.

ii) The engine generator shall be factory enclosed in not less than a 12 gauge cold rolled steel enclosure constructed with corner posts, uprights and headers. The weather-proof and corrosion resistant acoustic enclosure should be duly surface treated, phosphated and finally powder coated for long lasting finish. The sheet metal components should preferably be hot dip, pre-treated before powder coating with special pure polyester based powder.

iii) The sound proofing of the enclosure should be done with self extinguishing high quality rock wool / mineral wool conforming to IS 8183. The rock wool should be further covered with fiber glass tissue and perforated sheet.

iv) The silencer must be such that sound level is permitted maximum of 75 dbA at 1 meter from the enclosure surface. Exhaust silencer shall be provided of the size as recommended by the manufacturer and shall attenuate the sound to the level noted above. It shall be supplied with a flexible, seamless, stainless steel exhaust connection as well as with all internal pipe work. These components must be properly sized to assure operation with minimum back pressure and high sound when installed.

v) The canopy should be finished in synthetic enamel paint incorporating rust inhibitors and Aluminium sprayed silencers and spark arrestors to guarantee a superior and long lasting finish.

vi) There should be carefully designed inlet and outlet baffles / attenuators with corresponding weather conditions allowing sufficient air flow, for the set to operate even under the harshest ambient conditions whilst maintaining specified noise levels. Suitably sized blower should be incorporated to meet total air requirement and temperature within the enclosure and Generator house to be maintained.

vii) The temperature inside the enclosure should be suitable for human comfort. There should be a provision of emergency shutdown of the generating set (Prime Mover) from outside the enclosure in addition to the control panel fitted outside the Canopy.

viii) The enclosure should be complete with power and control wiring between control panel installed outside the Genset Enclosure and Alternator and other components like blowers etc with proper size copper cable. The cables should be terminated using gland and tinned copper sweating sockets and run through guard pipe. The enclosure should have the sufficient space in and around the generating set to facilitate maintenance and operation of the set.

ix) The control panel for the Generating set should be installed separately at existing location of control panel in the Repeater Station. A drawing is attached herewith the position of the Engine , its Control Panel , Size of the Engine with acoustic enclosure and position of Separate control panel , its allowable dimensions etc.

x) The connection from the alternator and control panel should be carried out with 3.5 core 120 sq. mm PVC insulated, PVC sheathed armoured copper cable and cable should be terminated with proper size of tinned copper sweating socket and cable glands at alternator and panel end. All the terminal boxes/Junction boxes etc, the battery and self starter connection terminals / and its components should be housed inside intrinsically safe enclosure.

xi) ENCLOSURE ILLUMINATION: A separate circuit shall be provided for lighting of the acoustic part of the enclosure. Armoured cable and FLP cable glands should be used for wiring purpose inside the acoustic Make of Luminaire : Baliga / FCG / SUDHIR

xii) Enclosure design should be such that for any major maintenance activities the enclosures from any side can be easily dismantled and re-erected.

xiii) Generating set comprising of Engine, Alternator and other auxiliaries should be placed inside an acoustic enclosure (approved by ARAI, Pune/ NPL, New Delhi/ NSTL, Visakapatnam/ FCRI, Palghat / NAL, Bangalore) and the unit should be mounted to a common base frame. The set should have proper arrangement for easy loading /unloading to facilitate ease in transportation.

xiv) A panel viewing window should be provided to facilitate visual monitoring of the equipment from outside.

xv) SKID : The skid should be fabricated from sufficiently strong steel section for carrying the generating set from one place to another from time to time.

xvi) NOTE: Bidders should submit layout drawing of the acoustic enclosure indicating positions of engine, alternator, and control panel etc along with the wiring diagram of the package and will have to be approved by OIL before execution of the order.

(d) GENERAL NOTES:

- a. The offer will not be acceptable if the party do not quote for all items of the tender and supply, installation, commissioning of all items and cables.
- b. In their offer the bidder must mention their detailed comments point-wise against each point of tender specifications. Any deviation from the tender specification shall be specifically mentioned. Specific type and make of equipment should be mentioned. All the information required as per tender specifications must be submitted.
- c. In the event of an order the bidder will submit to OIL within one month of placement of order all documents and drawings as required against each item.
- d. The manufacture of the equipment is to be started only after written approval of the required drawings/ documents by OIL as mentioned in tender against all equipments.
- e. Bidder will provide with the offer the list of tools and equipment available with the bidder to carryout the installation and commissioning work as per tender.
- f. The bidder will be responsible for safety of its personnel and safety of all the equipment. All the safety gadgets required for safely carrying out the job shall be provided by the bidder.
- g. Bidder will be responsible for safe custody of all the items before handing over to OIL.
- h. Handing over to OIL means supply, installation and commissioning of all items as per order and submission of all the documents and drawings as per order.
- i. The bidder to strictly ensure that all the cut ends of cables, packing materials, leftover items are removed from site after completion of work.
- j. No environmental damage shall be done while carrying out the job.
- k. All the test reports must be signed by licensed electricians, jointers and supervisors who have carried out the installation and commissioning work as per order.

(e) PARTS LIST, INSTRUCTION MANUAL & DRAWING:

A. The supplier should provide two sets each of the manuals and books listed below for each unit:

1. OPERATING INSTRUCTIONS- with description and illustration of all switchgear controls and indicators and engine and generator controls.
2. PARTS BOOKS-that illustrate and list all assemblies, subassemblies and components, except standard fastening hardware (nuts, bolt, washers etc.).
3. PREVENTIVE MAINTENANCE INSTRUCTIONS- on the complete system that cover daily, weekly, monthly, biannual, and annual maintenance requirements and include a complete lubrication chart.
4. ROUTINE TEST PROCEDURES-for all electronic and electrical circuits and for the main AC generator.
5. TROUBLESHOOTING CHART- covering the complete generator set showing description of trouble, probable cause and suggested remedy.
6. RECOMMENDED SPARE PARTS LIST- showing all consumables anticipated to be required during routine maintenance and test.
7. WIRING DIAGRAM AND SCHEMATICS- showing function of all electrical components.
8. One set of drawing showing installation details of the generating set, type of skid, wiring diagram for the control panel & Distribution Feeder Panel(inclusive of float charger) and wiring drawing between the alternator and control & Distribution Feeder Panel.

All control & Distribution Feeder panel diagram and schematic diagram are to be sent to us before supply of order materials.

B. All manuals and books described above shall be contained in rigid plastic pouches and in digital form along with the Genset.

(f) SPARES AND SERVICE:

(i) Necessary Commissioning spares & two (2) years OEM recommended spares for each DG set shall be supplied with the order.

(ii) The bidder shall submit written assurance along with the offer in regards to service and availability of all spares for next 10 (Ten) years from the commissioning of the Unit.

(iii) The bidder shall submit pricelist of Commissioning Spares and 2 years Recommended/ Critical Spares. This is for reference only and shall NOT be considered for bid evaluation.

(g) DRAWINGS AND MANUALS:

i) Technical literature / catalogue and electrical circuit diagram to be enclosed with the quotation/offer for our necessary scrutiny, otherwise offer shall be rejected.

ii) Test certificates to be provided with each Generator Set and these tests to be carried out as per IS specification.

iii) Instruction manual, Technical literature and electrical circuit diagram along with each Gen. Set are to be supplied.

(h) INSPECTION & TESTING:

i) Pre dispatch inspection of the sets shall be carried out by the supplier at the works of manufacture. Load testing of the generator sets for output and performance shall be carried out in presence of the purchaser or his representative appointed for the purpose and to his satisfaction.

ii) Inspection and Testing of the Alternator sets (Completed unit of Engine & Alternator with its acoustic enclosure) will be witnessed by OIL engineers / representatives at the Supplier's premises prior to despatch.

iii) Intimation for Inspection & Testing shall be sent to M/s OIL INDIA LIMITED by the Supplier at least fifteen days (15 days) in advance in both the cases

iv) Pre Despatch Inspection & Testing arrangement at manufacturing unit of Generator Set will be arranged by the Supplier at Supplier's cost including consumables. Supplier have to arrange at least 3 (One day /per visit at manufacturing unit excluding to & fro journey period) visits for 2 nos. of Representatives from OIL for 15 nos. Gen Sets .

(i) WARRANTY:

The DG set comprising of Engine & Alternator shall be warranted against defective material/ faulty workmanship/ faulty operation for a period of minimum 12 months from the date of commissioning or 3000 operating hours, whichever occurs first.

| | | | |
|----|---|----|------|
| | <p>(j) STATUTORY CONFORMANCE:</p> <p>i) The offered Generating Sets shall comply with the latest CPCB norms/regulations.</p> <p>ii) In the event of any new CPCB norms/regulations governing Diesel Engine driven Generating Set are made effective prior to delivery of the Gen Set (but after bid closing date) the supplied Gen Set shall comply with the latest CPCB norms/ regulations. The compliance report from Govt. approved agencies must be submitted prior to dispatch of the Gen Set for OIL's scrutiny and acceptance.</p> <p>Note: Engine Data Sheet, Alternator Data Sheet are enclosed herewith.</p> | | |
| 20 | <p>Design, Manufacture/Assemble, Installation and Commissioning of Auto Generator Control Panel as replacement of existing 25 KVA DG Sets at Repeater Stations of OIL in Assam, West Bengal & Bihar.</p> <p>The supplier shall supply mandatory & critical spares for panels for at least two years after warranty along with the panel.</p> <p>Auto Generator Control Panel:</p> <ol style="list-style-type: none"> 1. Operation philosophy of the supplied panels shall be same or equivalent as existing ones. Bidder shall study our existing system carefully during bidding & execution. 2. The panels shall have Multifunctional relay or group of relays and accessories to accomplish at least the following features: <ol style="list-style-type: none"> (a). Auto/Manual start/off of the set. (b).Fault Detection & initiation of shut down during operation for crank/start failure , High Engine Temperature Fault, High lub-oil temperature Fault, Low lub oil pressure Fault, voltage out of band and frequency out of band faults. Alarm indications and events logging systems shall be part of the design. 3. In-built Battery Charger with Auto/Manual Boost/Float charging feature should be incorporated to the charge the DG Set Battery. Output D.C voltage and current indicating instruments are to be provided. 4. The panels shall be fitted with Analog Voltmeter & Ammeter with selector switches, Built-in Transducer type Analog Power Meter & Power Factor Meter, Running Hour Meter, Electronic LED Frequency Meter, Electronic Static watt-hour Meter with LED Display and other operating & alarm/fault indicating display. 5. Suitable 4 pole MCCB with Adjustable Thermal-Magnet Release along with Switch-Disconnecter Fuses of suitable rating & type shall be provided in the panel as incomer for the Power Cable . The outgoing power from the GCP shall be routed to Distribution Panel Bus Bar through Suitable Power Contactor to facilitate Auto/Manual changeover as in Diagram-2. Electrical & mechanical interlocking as shown in the schematic shall be provided along with suitable Switch Fuse Unit incomers(3 numbers) in DB Panel. Power cable shall be of suitable size PVC armoured type with ISI mark & 1100 volt grade. 6. All the control & power interconnection wirings shall be done with copper flexible PVC wires (ISI Marked & 1100 volt grade) with accepted colour codes. 7. The panel board must be built by M.S Sheet of suitable gauge, floor mounted type, IP-44 ,with load bearing member, doors, partitions, covers, equipment mounting plate & removable gland plate, painted with texture finish electro-static paint (Powder Coating) with paint thickness 80(+)(-)20 microns. 8. The panels shall be earthed as per standard practice. All doors shall have earthing with main frame through copper braided wires. 9. The test certificate as per IS-8623 Part-1, 1993 & IS 13947(Part-1), 1993 for the individual panel shall be submitted with the panel along with test certificates of individual components of panel as applicable. | 15 | Nos. |
| 30 | <p>Design, Manufacture/Assemble, Installation and Commissioning of Distribution Panel:</p> <ol style="list-style-type: none"> 1. Design, manufacture, supply, installation & commissioning of Distribution Panels as replacement of existing ones shall be in the bidder scope. All control & interconnecting | 15 | Nos. |

| | | | |
|----|---|---|----|
| | <p>cables shall be flexible PVC copper wire with ISI mark & 1100V grade.</p> <p>2. The panel board should house the following:</p> <p>(a). Electrical & mechanical interlocked TPN Power Contactors as shown in the Diagram-2.</p> <p>(b). TPN Copper Bus Bars of suitable size & mountings with connections & spare 3 blank holes in each bus.</p> <p>©. Three 63 Amp TPN Switch Disconnecter Fuse units as Incomers for DB Panel Board..</p> <p>(d). 32 Amp TPN MCB- 4 nos. – outgoing.</p> <p>(e). 10 Amp TPN MCB- 6 nos. – outgoing.</p> <p>(f). 4 Amp TPN MCB - 4 nos. – outgoing.</p> <p>(g). Four nos.Empty partitions dimension not less than 30cmx20cm with door and Two LED indication lamp in each partition (colour Red & green) and blank power & control terminal block inside .</p> <p>(h). LED Phase Indication – 3 nos.</p> <p>i)One smart Meter to be provided to facilitate recording Total KWH consumption & reading bus voltage,current,power etc.</p> <p>3. Construction, testing etc. and earthing shall be same as Generator Control Panels.</p> <p>Note: Please refer schematic drawing II- attached herewith</p> | | |
| 40 | <p>INSTALLATION , COMMISSIONING, TESTING AND HANDING OVER:</p> <p>Installation and Commissioning of the Generating set, Control panels & Distribution Feeder Panels shall be carried out by the supplier in the presence of OIL representatives at its Repeater Stations located in three different states of Assam, Bengal & Bihar. Services of qualified and competent personnel from equipment manufacturer are essential during installation and commissioning of the generating sets.</p> <p>Persons engaged for installation, testing and commissioning of alternator, control panel & Distribution Panels should have valid electrical license issued by State Licensing Board. A person who is authorized for supervision of all electrical works should have valid supervisory license.</p> <p>Installation, Testing & commissioning includes site preparation and modification of the whole system comprising 15 (fifteen) units of Gen Sets with its control panels and 15(fifteen) nos. of Distribution feeder panel with auto changeover & manual changeover facility in 15 nos. of Repeater Stations located in different locations as per attached list herewith.</p> <p>One (1) unit of Gen set out of existing 3 units with its Control Panel & One no. Distribution feeder Panel has to be dismantled before installation & commissioning of new set and a Temporary control panel has to be placed for un-interrupted power supply during commissioning period. All related materials, cables, consumables & dismantling of old sets and corresponding control & distribution panel are the scope of Supplier.</p> <p>OIL will provide necessary statutory permits for welding and cutting jobs in classified areas as and when required. Installation/ commissioning charges should be quoted separately which shall be considered for evaluation of the offers. These charges shall include amongst others to and fro fares, boarding/ lodging and other expenses of the commissioning engineers during their stay at Designated Repeater Stations. All Personal, Income and Service Tax etc. towards the services provided by the supplier shall be borne by the supplier and will be deducted at source. Bidders should also confirm about installation/ commissioning in the Technical Bid.</p> <p>Notes:</p> <p>a) Once commissioned at designated site the generating set will be subjected to a trial run (reliability run) on available load for a minimum period of 48 hrs continuously and on satisfactory performance shall be subsequently handed over to OIL.</p> <p>b) OIL will give 14 days advance notice prior to installation to the successful bidder.</p> <p>General Notes for Bidder:</p> | 1 | AU |

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| | <p>(Bidders should confirm each & every point clearly. Deviations, if any, should be highlighted in the quotation).</p> <p>1.0 Materials shall be brand new, unused & of prime quality.</p> <p>2.0 Installation & Commissioning: The successful bidder will be required to install and commission the unit by their competent service engineer.</p> <p>3.0 Installation/ Commissioning charges must be quoted separately on lump sum basis which shall be considered for evaluation of the offers. Total Nos. of days required for commissioning shall also be clearly indicated by the bidders.</p> <p>4.0 While quoting Installation/Commissioning above, bidder should take into account all charges including to and fro fares, boarding/lodging, local transport at Respective Repeater Stations in Assam Bengal & Bihar and other expenses of supplier's personnel during their stay at Respective Locations.</p> | | |
|--|---|--|--|

Special Terms & Conditions :

Successful bidder shall have to carry out Supply, Safe Unloading, Installation, Testing, commissioning including site preparation and modification of the whole system comprising Fifteen(15) nos. Gen Sets, its

Control panel and fifteen(15) no. Distribution feeder panel with auto changeover & manual changeover facility .Supply of all related materials, cables, consumables and jobs at designated Repeater Station of OIL INDIA LIMITED and dismantling of existing 1 no out of 3 nos Gen sets with its control and distribution panel in one Repeater Station.

A temporary distribution panel has to be installed during commissioning period for an interrupted power supply during commissioning period.

Generator Set :

1) Supply of 15 Nos of 25 KVA Capacity Gen Set with its 15 Nos Control Panel – (1 No Gen Set with its control panel in one Repeater Station and so 15 nos requires in 15 Nos Repeater Station) including transportation and unloading at site .

2 .Distribution Feeder Panel: 15 Nos.(One no Distribution Feeder Panel In One Repeater Station and 15 Nos required in 15 Repeater Stations), including transpiration and unloading at site.

4. Installation, Testing & Commissioning including site preparation and modification of the whole system at different Repeater Stations of Oil India Limited.(Postal address of each Repeater Station enclosed) Dismantling of existing 1 no Gen set with corresponding control and Distribution Feeder Panel in each Repeater Station and removing the Old Sets , Panel and placing it outside the Repeater Station with GI Sheet.

The sole supplier should divide the work in three groups for installation , commissioning & testing of the Gen Sets with its panels. The Three Group Should work simultaneously in three different locations , so that the duration of installation & commissioning period can be minimized.

RESPONSIBILITY: The responsibility for performance to the specifications shall not be divided among individual component manufacturers, but must be assumed solely by the primary manufacturer. This includes generating system design, manufacture, test, and having a local supplier responsible for service, parts and warranty for the total system.

AFTER SALES SERVICE : Bidder should indicate the availability of nearest after sales service centre along with the details of infra structural capabilities. The nature of after sales service, which can be provided by the supplier, during initial erection and commissioning as also subsequent operation should be clearly stated in the quotation.

SERVICE AND WARRANTY:

(i) The manufacturer should have a local authorized dealer who can provide factory trained servicemen, the required stock of replacement parts, technical assistance, and warranty administration.

(ii) The manufacturer's authorized dealer shall have a parts and service facility within 300 km of the jobsite.

(iii) The generator set supplier shall have factory trained service representatives and tooling necessary to install and commission all provided equipment.

The warranty period for the Gen set and ancillary equipment should be a minimum of 18 months from the date of dispatch/ shipment or 12 months from the date of commissioning of the equipment whichever is earlier. Any defects in the Engine or Alternator during warranty period shall be replaced by the supplier at his cost without any extra charge to OIL.

Data Sheet: Engine Data Sheet and Alternator Data Sheet Enclosed Herewith.

INSPECTION:

1. The Company shall as it may deem fit depute their Engineer/ Inspector to carryout factory inspection and test the equipments when the panels are manufactured/ assembled before their dispatch, for confirmation of the technical specifications by the bidder.
2. Before commencement of the second panel production job the contractor shall have to arrange at their own cost for pre dispatch inspection of first panel by OIL Engineers/ Inspectors. After satisfactory operation / testing only other panel shall have to be started. The Company also has the right to inspect raw materials, components, accessories etc. including facility available with Contractor to carryout these jobs.
3. For all electronics components, the items should be tested at the temperature of 50°C
4. Manufacturer's certificates in triplicate to be submitted to OIL for all equipments/ instruments.
5. On completion of the work, tests are to be carried out before commissioning. All test certificates in triplicate should be handed over to OIL.

ERECTION & COMMISSIONING:

1. The control panels to be erected side by side at Repeater Stations, located at different locations in three states of Assam, Bihar & Bengal . Similarly feeder Distribution Panel is to be installed sidewise almost 3 mtrs away from the control panel. All terminations of the cables should be done properly with suitable cable gland and lugs. All civil works including supply of materials and labour in connection with all above work have to be carried out by the supplier.
2. The supplier should use only indigenous materials/ components as per as possible for the Control panel. In case, imported components are used , the same have to be specifically mentioned in the tender giving details and addresses of their sources of origin.
3. Location of Repeater Stations as per attached list.

LIST OF REPEATER STATION LOCATIONS
STATE OF ASSAM

| Sl. No. | Name of Repeater Station | Name of Village | PL KM | Mouza | Circle | District |
|----------------|---------------------------------|------------------------|--------------|--------------|---------------|-----------------|
| 1 | RS1, Maduri | Sensowanamdongia | 90 | Saloguri | Amguri | Sibsagar |
| 2 | RS2, Badulipar | Chengnigaon | 172 | Rangamati | Khumtai | Golaghat |
| 3 | RS3, Kaziranga | Gosanibargaon | 214 | Kaziranga | Bokakhat | Golaghat |
| 4 | RS4, Ghani | Ghahigaon Bhatikuri | 314 | Jagiyal | Roha | Nowgaon |
| 5 | RS5, Jagiroad | Ghunushahabi | 362 | Gova | Mayang | Morigaon |
| 6 | RS8, Dharamtul | Panigaon | 468 | Pokowa | Chamota | Nalbari |
| 7 | RS9, Barpeta Road | Jhakhalipar Town | 513 | Gobardhona | Barnagar | Barpeta |
| 8 | RS10, Pratapkhatta | Pratapkhata | 604 | Kharijadolio | Dorma | Kokrajhar |

STATE OF WEST BENGAL

| Sl. No. | Name of Repeater Station | Name of Village | PL KM | Mouza | Circle | District |
|----------------|---------------------------------|------------------------|--------------|--------------|---------------|-----------------|
| 1 | RS11, Chepani | Chepani | 655.5 | - | Alipurduar | Jalpaiguri |
| 2 | RS12, Binaguri | Binaguri | 728.8 | - | Dhupguri | Jalpaiguri |
| 3 | RS13, Odlabari | Odlabari | 784.4 | - | Matali | Jalpaiguri |
| 4 | RS14, Kisanganj | Balichuka Pachim | 905.8 | - | Goalpokhora | Dinajpur |

STATE OF BIHAR

| Sl. No. | Name of Repeater Station | Name of Village | PL KM | Mouza | Circle | District |
|----------------|---------------------------------|------------------------|--------------|--------------|---------------|-----------------|
| 1 | RS15, Belgachi | Belgachi | 958.3 | - | Purnia | Purnia |
| 2 | RS16, Thanabipur | Jamunia | 1058.4 | - | Bihpur | Bhagalpur |
| 3 | RS17, Khagaria | Sonawari | 1111 | - | Khagaria | Bhagalpur |

Bid Rejection Criteria (BRC) & Bid Evaluation Criteria (BEC)

1.0 BID REJECTION CRITERIA (BRC)

The bid shall conform generally to the specifications and terms and conditions given in this bidding document. Bids shall be rejected in case the goods/materials offered do not conform to required parameters stipulated in the technical specifications. Notwithstanding the general conformity of the bids to the stipulated specifications, the following mandatory requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected. All the documents related to BRC must be uploaded along with the Technical Bid.

(A) TECHNICAL

1.0 Bidder's Qualification :

1.1 Bidder shall be an Original Equipment Manufacturer (OEM) of (a) Complete Generating set or (b) Engine OR

Bidder shall be a 100% Subsidiary or Sister concern of Original Equipment Manufacturer (OEM) of (a) Complete Generating set or (b) Engine

OR

Bidder shall be an authorized dealer of the OEM of (a) Complete Generating set or (b) Engine

OR

Bidder shall be an OEM approved assembler of Generating set.

1.2 Engine and Alternator should be procured directly from OEM or OEM's 100% subsidiary or OEM's Sister concern or OEM's authorized dealer

Note: But whatever may be their status in para 1.1 & 1.2 above, Bidder will have to enclose documentary evidence along with the offer failing which offer will be rejected.

2.0 Bidder's Experience:

2.1 Bidders should have the experience of successfully completing at least 3(Three) orders in the last 10(Ten) years before the original bid closing date of this tender against supply & commissioning of DG Sets of capacity 15 KVA or above in PSUs, Central Govt. or any other Public Limited Company of India. Documentary evidence in the form of contracts/ purchase order and completion certificate from the user, must be provided along with the quotation failing which offer will be rejected.

3.0 Performance Track Record & Spares Availability:

3.1 The offered Generating set should have proven track record for power generation applications in Central Govt., PSU or any other Public Limited Company of India and in this respect the bidder should provide performance certificate from the end user for operation of minimum of one year before original bid closing date for minimum 3 (three) orders as mentioned in above clause no. 2.1.

3.2 The bidder should provide written confirmation from OEM that the spares will be available for the next 10 years.

4.0 Statutory Conformance:

4.1 The bidder must categorically confirm the following in their bid, failing which bid shall be rejected:

(a) The offered Generating Sets shall comply with the latest CPCB norms/regulations.

(b) In the event of any new CPCB norms/regulations governing Diesel Engine driven Generating Set are made effective prior to delivery of the Gen Set (but after bid closing date) the supplied Gen Set shall comply with the latest CPCB norms/ regulations.

5.0 Technical Conformance:

5.1 The Diesel Engine shall be Air Cooled, Compressor Ignition, capable of developing net minimum 32 BHP at 1500 RPM. Performance rating as per IS 10002:1981 as amended to date and maximum fuel consumption as follows:

Specific Fuel Consumption (SFC) for direct injection engine is 252 g/Kwh and for indirect injection engine is 277 g/Kwh.

5.2 The Alternator must be brushless type.

5.3 The whole Set shall be provided with acoustic enclosure.

Technical data sheet complying above data must be submitted, failing which bid shall be rejected.

6.0

6.1 Bidder must quote for all items in the tender, failing which bid shall be rejected.

6.2 Bidder must fulfill Warranty Clause given the item specification, failing which bid shall be rejected.

(B) COMMERCIAL :

i) The Bidder shall furnish requisite Bid Security by way of a Bank Guarantee/Bank Draft in the manner and as specified in Section 'Bid Security' which shall be furnished alongwith the 'Techno-Commercial Bid'. Any bid not accompanied by a proper bid security will be rejected.

ii) Bids are to be submitted in a single stage two bid system, i.e. Technical Bid (Unpriced) and Priced Bid separately. Bids shall be rejected outright if the technical bids contain the prices.

iii) Validity of the bid shall be minimum 120 days from the Bid Closing Date, otherwise the bid shall be rejected.

iv) The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and rejected.

v) Bids received after the bid closing date and time will be rejected.

vi) All the Bids must be Digitally Signed using #Class 3# digital certificate (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# digital certificate, will be rejected.

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

viii) The User ID & Password are not transferable. Bids submitted by parties to whom the User ID & Password was not issued by the Company will be rejected.

ix) Conditional offers will be rejected.

x) Bids received in any form or media other than through OIL's e-Procurement portal will not be accepted.

xi) Bid documents uploaded in the e-Procurement Portal shall be typed/written and scanned clearly and contain no inter lineation, erasures or overwriting except as necessary to correct errors made by bidder, in which case such corrections must be initialed by the person(s) signing the bid. Any bid not meeting this requirement shall be rejected.

xii) Bidder must accept and comply with the following clauses as given in the Bidding document in toto, failing which offer will be rejected:

- a. Performance Bank Guarantee clause
- b. Force Majeure Clause
- c. Tax Liabilities clause
- d. Arbitration clause
- e. Liquidated damage clause

xiii). 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.

C. GENERAL:

- i) In case bidder takes exception to any clause of Bidding Document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by the Company. The loading so done by the Company will be final and binding on the Bidders. No deviation will however, be accepted in the clauses covered under BRC.
- ii) In case any of the clauses in the BRC contradict with other clauses of Bidding Document elsewhere, then the clauses in the BRC will prevail.
- iii) Any exceptions/deviations to the Bidding Document and applicable statutory duties and levies must be spelt out by bidder in their 'Technical' bid only. Any additional information/terms/conditions furnished in sealed 'Price Bid' will not be considered by OIL for evaluation/award of contract.
- iv) The originals of such documents (furnished by bidder(s)) shall have to be produced by bidder(s) to OIL as and when asked for.

2.0 BID EVALUATION CRITERIA (BEC):

- i) The bids confirming to the technical specifications, term and conditions stipulated in the bidding documents and considered to be responsive after subjecting to Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria.
- ii) 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.
- iii) Price 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 "price bid".
- iv) 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 Bidding document or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.
- v) To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as per price format given in Appendix-I.

Bidders are required to submit the summary of the prices in their commercial bids as per bid format (Summary), given below :

Priced Bid Format (SUMMARY):

| Item Srl No | Item Description | UOM | Qty Required | Unit Price | Total Price |
|-------------|---|-----|--------------|------------|-------------|
| 10 | Manufacture, Assembly, pre-despatch Inspection, testing & Supply of Diesel Generator Set. | No. | 15 | | |
| 20 | Design, Manufacture/Assemble of Auto Generator Control Panel | No. | 15 | | |
| 30 | Design, Manufacture, supply of Distribution Panel | No. | 15 | | |
| 40 | Installation & Commissioning | AU | 1 | | |

- (A) Total material value of Item no 10, 20 , 30
- (B) Packing and Forwarding Charges
- (C) Total Ex-works value (A+B+C)
- (D) Excise Duty including Cess, (Please indicate applicable rate of Duty)
- (E) Total Ex-works value including Excise Duty & Cess (D+E)
- (F) Sales Tax, (Please indicate applicable rate of Tax)
- (G) Total FOR Despatching station value (F+G)
- (H) Road Transportation charges to different locations (Lumpsum)
- (I) Insurance Charges
- (J) State Entry tax
- (K) Total FOR Destination value (G+H+I+J)
- (L) Pre-despatch inspection and testing Charges (Lumpsum)
- (M) Installation & Commissioning charges (Lumpsum)
- (N) Service tax on Commissioning charges, if any (please indicate the percentage)
- (O) Total Value, (K+L+M+N) above
- (P) Total value in words :
- (Q) Gross Weight :
- (R) Gross Volume :

1.0 Pre-despatch Inspection and testing charges, Commissioning charges must be quoted separately (not to include in materials cost) on lumpsum basis which shall be considered for

evaluation of the offers. These charges should include amongst others to and fro fares, boarding/lodging, local transport and other expenses of supplier's commissioning and training

personnel during their stay at the site

2.0 Bidders must categorically indicate the Pre-despatch Inspection and testing charges , Commissioning charges & Training charges in their offers and must confirm about providing the same in their Technical bids. In case Pre-despatch Inspection and testing charges, Commissioning charges are NIL/inclusive, bidder must categorically mention the same in their offer.

3.0 Summary of the prices, as per the bid format (Summary) mentioned above, to be uploaded in "Priced Bid" separately.

Matrix for Technical & Commercial Evaluation

Note :- Only Grey coloured boxes are to be filled by the bidder

Name of Bidder :

| | | Compliance by Bidder | |
|---------|---|---|---|
| SL. NO. | BEC / TENDER REQUIREMENTS | Indicate 'Confirmed' / 'Not Confirmed' / Not applicable | Indicate Corresponding page ref. of bid |
| 1 | Bidder to confirm that they have not taken any exception/deviations to the bidding document . | | |
| 2 | Confirm that the product offered strictly conform to the technical specifications. | | |
| 3 | Confirm that the Offer has been made with Bid Security along with the offer ? | | |
| 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. Conditional offer will be liable for rejection? | | |
| 6 | Confirm that all relevant fields in the on-line bidding format been filled in by the bidders for the items quoted by them. | | |
| 7 | Confirm that 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 SHALL SUBMIT PERFORMANCE BANK GUARANTEE AS PER bidding document IN THE EVENT OF PLACEMENT OF ORDER ON YOU | | |

Bidders Response Sheet

| Sl No. | Description | Remarks |
|---------------|---|----------------|
| 1 | Name of Bidder | |
| 2 | Place of Despatch (Ex- Works) | |
| 3 | Whether Freight charges have been included in your quoted prices | |
| 4 | Whether Transit Insurance charges have been included in your quoted prices | |
| 5 | Make of quoted Product | |
| 6 | Offered Validity of Bid from Bid Closing Date | |
| 7 | Delivery Period in days/weeks/months from placement of order | |
| 8 | Complied to Standard Payment Terms of OIL or not. (Please refer to clause 23.2 of LCB Doc Booklet) | |
| 9 | Bid Security Submitted (if applicable) 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: | |
| 10 | Confirm that the Bid Security submitted (In case of Bank Guarantee) is in toto as per format provided in the bidding document. | |
| 11 | Bid Security if Not submitted, reasons thereof | |
| 12 | Whether you shall submit Performance Security in the event of placement of order on you. | |
| 13 | Whether submitted documents in support of General qualification criteria of bidding document. | |
| 14 | If bidder is Small scale unit whether you have quoted your own product. | |
| 15 | If bidder is Small scale unit , whether you are owned by SC/ST entrepreneur. | |
| 16 | If Integrity Pact submitted | |

**(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.