

OIL INDIA LIMITED
(A Govt. of India Enterprise)
P.O. Duliajan – 786602, Assam

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Email: materials@oilindia.in ; erp_mm@oilindia.in; mmfd1@oilindia.in

Tender No. & Date : SDG8890P16/09

Tender Fee : INR 4,500.00 OR USD 100.00

Bid Security Amount : Applicable

Bidding Type : SINGLE STAGE TWO BID SYSTEM

Bid Closing on : 16.12.2015 (at 11.00 Hrs. IST)

Bid Opening on : 16.12.2015 (at 14.00 Hrs. IST)

Performance Guarantee : Applicable

OIL INDIA LIMITED invites Global Tenders for items detailed below:

Item No. /Mat. Code	Material Description	QTY.	UOM
10	Supply, Installation and Commissioning of Diesel Engine Driven Fire Fighting Pump Sets in unitised condition as detailed in the following Annexures – a) Detailed specification – Annexure - I. b) Bid Rejection Criteria (BRC) and Bid Evaluation Criteria – Annexure - II. c) Technical & Commercial Check list vide Annexure - III	03	Sets.

Special Notes :

1.0 The tender will be governed by “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) including Amendments & Addendum to “General Terms & Conditions” for e-Procurement.

2.0 Technical Check list and Commercial Check list are furnished vide Annexure – III. Please ensure that both the check lists are properly filled up and uploaded along with “Techno-commercial Unpriced Bid”.

3.0 The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas which are issued/renewed after 01/04/99 and hence Nil Customs

Duty during import will be applicable. Indigenous bidder shall be eligible for Deemed Export Benefit against this purchase. Details of Deemed Export are furnished vide Addendum to “General Terms & Conditions”. However, Indian bidders will not be issued Recommendatory Letter.

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 The **Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam** on or before **13:00 Hrs (IST)** on the Bid Closing Date mentioned in the Tender.

a) Original Bid Security along with two sets of photocopy.

b) Details Catalogue and any other document which have been specified to be submitted in original.

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 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”.

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.

Display RFx Response:

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

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

RFx Response Number: 60006452
RFx Owner: WIPRO_TEST1
RFx Number: TEST2
Total Value: 0.00 INR
Status: RFx R

RFx Information | Items | Notes and Attachments | Con

Basic Data | Questions

Event Parameters

Currency: Indian Rupee

Detailed Price Information: Price with Conditions

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

Service and Delive

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Status and Statist

Created C

Created B

Last Processed C

Last Processed B

▼ Partners and Delivery Information

Details Send E-Mail Call Clear

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

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

Edit RFX Response:

Submit | Read Only | Print Preview | Check | Technical RFX Response | Close | Save | Verify

Bid on "EDIT" Mode

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

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

Area for uploading Techno-Commercial Unpriced Bid*

▼ Notes

Add Clear

Assigned To	Category	Text Preview

▼ Attachments

Sign Attachment Add Attachment Edit Description Versioning Delete Create Qualification

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

Area for uploading Priced Bid**

Note :

- * The "Techno-Commercial Unpriced Bid" shall contain all techno-commercial details **except the prices.**
- ** The "Price bid" must contain the price schedule and the bidder's commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Attachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

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

7.0 Other terms and conditions of the tender shall be as per "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) and its amendments. However, if any of the Clauses of the Bid Rejection Criteria (BRC) / Bid Evaluation Criteria (BEC) mentioned here contradict the Clauses in the "General Terms & Conditions" for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders) of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

8.0 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 XII 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. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the

Bid. If any bidder refuses to sign Integrity Pact or declines to submit Integrity Pact with the offer, their bid shall be rejected straightway.

OIL's Independent External Monitors at present are as under:

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

ANNEXURE – I

**SCOPE OF SUPPLY : SUPPLY, INSTALLATION AND COMMISSIONING OF
DIESEL ENGINE DRIVEN FIRE FIGHTING PUMP SETS**

IN UNITISED CONDITION.

QUANTITY : 3 Nos.

**DETAILED TECHNICAL SPECIFICATION OF 2500+-5% GPM (9464+-5%) LPM
DIESEL ENGINE DRIVEN FIRE PUMP SET**

A. PUMP :

SPECIFICATIONS:

- a. Type : Horizontal Split Casing
- b. Stage : Single
- c. Capacity : 2500 GPM (US) (9464 LPM) \pm 5% (2375-2625 GPM)
- d. Head : 400 feet (121.92 meters)
- e. Liquid to be handled : Water with specific gravity 1.00
- f. Duty : Continuous
- g. Negative suction head (Suction lift) : 8.2 feet (2.5 meters) minimum
- h. Maximum allowable Speed of the Engine : 2400 RPM
- i. Efficiency : 70% or higher
- j. Use : Pump will be used for firefighting purpose in oil well blowout and fire in different locations as and when required.
- k. Mounting : To be mounted on an oil field type portable robust skid for easy lifting to different locations.

NOTE:

- The Pumps should be FM approved and UL listed and be dedicated by OEM for firefighting applications.
- At 150% of rated flow, head should not be less than 65% of rated head.
- Pump shut off head should not exceed 140% of rated head.
- Pump hydro test pressure should be min 250 psi or 1.5 times to working pressure whichever is greater for 5 minutes.
- Pump must be capable of discharging 2500 gpm (us) \pm 5%, at a head of 400 ft continuously.

B. PRIME MOVER:

The engine should be a FM approved and UL listed, compression ignition four stroke, naturally aspirated or turbocharged diesel engine, rated for continuous power, having 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm, at the site conditions given below, should be dedicated by OEM for firefighting applications.

Make: Caterpillar, Cummins, Detroit Diesel, Kirsloskar or Clarke.

Ambient Temperature Maximum : 450 C

Ambient Temperature Minimum : 50 C

Maximum Relative Humidity at 350 C : 95%

Maximum altitude above mean sea level : 150 M

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

The engine should comprise of the following sub systems:

I. COOLING SYSTEM, with standard accessories.

- a) Heavy Duty Radiator / Heat exchanger

II. AIR INTAKE SYSTEM, comprising of standard accessories.

- a) Air intake manifold : Engine mounted
- b) Air Intake Filter : Engine mounted

III. STARTING SYSTEM

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

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

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

IV. EXHAUST SYSTEM, should be comprising of

- a) Turbocharger: Engine mounted (in case of turbocharged engine)
- b) Exhaust Silencer: Residential type with Spark Arrestor suitable for using in hazardous area
- c) Flexible connection.

V. FUEL SYSTEM, with standard accessories.

- a) Fuel tank built within the oil field skid (base frame) complete with valve, inlet and outlet connection along with fuel tank level indicator/gauge.
- b) Suitable engine governing system.

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

VI. LUBRICATING SYSTEM, with standard accessories.

VII. INSTRUMENT PANEL: Engine mounted comprising of

- a) Digital Tachometer & Hour Meter
- b) Lube Oil Pressure and temperature Indicator
- c) Water Temperature Indicator
- d) Air Starter activating switch
- e) Emergency Shut Down Knob
- f) Fuel Tank level indicator

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

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

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

IX. OTHER FEATURES

- a) Lifting Eyes
- b) SAE standard rotation
- c) Suitable Hand Throttle Control

C. CONTROLLER:

- a) UL LISTED and FM APPROVED

- b) Having NEMA 2 (IP 55) enclosure(minimum)
- c) Mounted with pressure switch, drain valve and pressure recorder
- d) Provisions for battery charging, battery monitoring, failure alarm for low oil pressure, high water temperature, charger failure, failed to start, engine over speed etc.
- e) Control panel must be powered by engine battery i.e. DC power supply.

D. GENERAL CONDITIONS:

- a) The engine should conform to either ISO 3046 / BS 5514 / IS10000 specifications and should be rated for continuous power with an over load power rating of 110% of the continuous power corresponding to engine application, for a period of 1 hr. within a period of 12 hrs. of operation.
- b) BHP calculation for the engine should be made based on 150% of rated capacity.
- c) The bidder should submit the following information along with relevant performance rating curves and engine product catalogues:
 - Gross HP developed at selected RPM
 - Deduction for blower fan and other ancillary equipment.
 - Net HP developed at selected RPM
 - Specific fuel consumption at rated power as well as 110%, 75% and 50% of rated load.
- d) The engine shall be tested at Manufacturer's works and relevant test certificate in this regard has to be submitted along with delivery documents. The same has to be shown at the time of pre dispatch inspection.
- e) Performance chart of the centrifugal pump indicating capacity, head, efficiency, size of impeller etc, as well as all technical calculations for BHP, NPSH requirement etc. should be forwarded along with the offer.
- f) A suitably selected and rated engine shall be connected to the horizontal shaft of the pump by means of a flexible coupling or flexible connecting shaft listed for this service. The flexible coupling shall be directly attached to the engine flywheel adapter or stub shaft for transmission of power.
- g) Engine & pump must be brand new and in unused condition. No reconstructed / rebuilt items will be acceptable.
- h) Commissioning spares for the complete pump set shall be offered along with the main offer. Cost of these shall be considered for evaluation of the tender. The items shall be handed over to OIL after commissioning, if unused.
- i) The supplier should provide Parts Catalogue, Operation/Instruction Manual & Drawing, Technical Information & Bulletin of the whole pump set including the control system.
- j) The supplier should provide 4 (four) sets of part list and operation manual, and 4 sets of CD covering parts list, all the items of each engine, pump & control system flexible coupling, alignment tool & its accessories along with the delivery of the material. Technical details of the engine pump & control system are to be provided along with the offer.

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

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

m) Suction & Delivery connection

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

The suction manifold should have 04 (four) numbers inlets suitable for Hammer Unions, with 04 (four) numbers of 20' (twenty feet) long suitable Suction Hoses with hammer unions and suitable foot valves with non return valve along with strainer should also be included in the scope of supply.

The discharge manifold likewise should have 04 numbers of outlets complete with hammer unions, butterfly valves and a discharge pressure gauge.

Note: the accessories such as hammer unions, suction hoses, butterfly and pressure gauges should be of reputed make, conventionally used for similar applications.

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

Size:

(a) (Length X Breath X Height): (9.00 M X 2.5 M X 2.75M) Maximum allowable size

(b) Total allowable weight of equipment 28 Tonnes (maximum)

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

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

o) Coupling Guard should be placed over the Coupling and the Coupling Guard should be suitably anchored to the oil field skid.

p) Both the Diesel Engine & Centrifugal Pump should be painted with FIRE RED/ENAMEL PAINT.

q) Bidders must submit filled in DATA SHEET and TECHNICAL CHECK LIST enclosed with the enquiry.

r) The bidder must assure that after sales service with respect to the pump set shall be provided by their respective OEM's or authorized dealers.

s) The bidder must undertake and confirm from OEM's that the equipment to be supplied are not going to become obsolete for the next 10 years and provisioning of spares can be continued.

E. TOOL BOX:

Tool box with all the necessary tools for maintenance along with special tools if any must be supplied along with the pump set. All tools should be non sparking type.

F. MAINTENANCE SPARE PARTS FOR PUMP SET:

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

CENTRIFUGAL PUMP

Insurance spares

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

DIESEL ENGINE

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

G. SPARE PARTS TO BE SUPPLIED ALONG WITH THE PUMP SET:

G1. COMMISSIONING SPARES:

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

G2. OPERATIONAL CRITICAL SPARES.

The supplier shall supply the following operational critical spares along with the supply of the unit.

Centrifugal Pump:

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- Gland packing – 10 sets
- One set 6" Suction hose consisting of 04 nos. 20 ft long hoses, with 4 nos. foot valves.
- Coupling one set with finished bore.

Diesel Engine:

- Air filter – Two sets
- Fuel filter – Five sets
- Lube oil filter – Five sets
- Air starter – One no.
- Electric starter –One no.
- V belt – Five sets
- Coolant 20 Litre

Instrumentation:

One set of instrumentation spares along with controller spare parts.

NOTE:

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

G3. Bidder shall also quote separately for any additional recommended spare parts with similar details as felt necessary for 2 (two) years trouble free operation and maintenance but not covered in the above list for future reference / procurement. However, these additional spares as suggested by the bidder will not be considered for bid evaluation purpose.

H. DATA SHEETS:

i) ENGINE:

- a) MAKE
- b) MODEL
- c) NUMBER OF CYLINDERS
- d) ASPIRATION
- e) DISPLACEMENT
- f) BORE X STROKE
- g) LENGTH X WIDTH X HEIGHT
- h) RATED SPEED
- i) GROSS HP AT RATED RPM
- j) DEDUCTION FOR FAN, ALTITUDE, TEMPER
- k) NET HP AVAILABLE AT RATED RPM
- l) SPECIFIC FUEL CONSUMPTION AT:
 1. 110% LOAD
 2. 100% LOAD
 3. 75% LOAD
 4. 50% LOAD
- m) COMPRESSION RATIO
- n) LUBRICATING OIL CONSUMPTION (LT /HR)
- o) MAKE OF STARTER
- p) MAKE OF CHARGING ALTERNATOR

ii) PUMP:

- a) MAKE
- b) MODEL
- c) TYPE
- d) STAGE
- e) CAPACITY
- f) HEAD
- g) DUTY
- h) SPEED
- i) NEGATIVE SUCTION HEAD
- j) EFFICIENCY
- k) HHP REQUIREMENT AT RATED CONDITIONS
- l) HHP REQUIREMENT AT 150% OF RATED CONDITIONS
- m) TYPE AND SIZE OF COUPLING BETWEEN ENGINE & PUMP.

I. GENERAL NOTES:

1.0) Bidders other than (OEM) must enclose proper authorization certificate in original with a back up Warranty and Guarantee from the OEM to quote against this tender failing which the offer will be liable for rejection.

2.0) The bidder to provide 3 (three) sets of technical literature for operation, maintenance & repair indicating all components with schematic drawings, part no. etc along with offer. The operation and maintenance manual should also contain details of all sub assemblies, instrument sensors, wiring diagram hydraulic schematics etc with colour code and entire requisite spare parts with part no. (Preferably OEM part no with detail contact address).

2.1) Four sets of instruction cum operation manual, recommended parts list etc are to be supplied along with the supply in the event of order. Bidder has to confirm in the technical bid.

2.2) Tool box with all the necessary tools for maintenance along with special tools if any must be supplied along with the pump set.

2.3) The necessary licensed software for controller if any in original packages along with user software back ups are also to be supplied.

3) PREDESPATCH INSPECTION AND TESTING:

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

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

Note: Charges for carrying out the above tests at the manufacture's facility should be included in the purview of the offer. However, the to and fro fares, boarding & lodging and other enroute expenses of OIL's personnel shall be borne by OIL.

4) AFTER SALES SERVICE: The bidder should ensure and clearly stated after sales service during initial commissioning and also subsequently. Confirmation that all spares related to the equipment supplied both regular consumable ones as well as vital / insurance spares, for engine, pump and all accessories quoted shall be available for a period of at least 10 (ten) years after delivery should be provided. Bidders should also indicate their nearest authorized service center.

5) WARRANTY / GUARANTEE: The offered engine, pump and all ancillary equipment must be under guarantee / warrantee for a minimum period of 12 months from the date of successful commissioning of the complete unit at site. Defective goods / materials notified by OIL must be replaced immediately by the seller.

6) INSTALLATION & COMMISSIONING: The pump sets shall have to be commissioned by competent personnel at OIL's head quarter Duliajan, from the respective OEM's of the Pump & Engine deputed by the bidder for the same. INSTALLATION & COMMISSIONING charges must be quoted separately on lump sum basis inclusive of service tax, which shall be considered for evaluation of the offer. OIL may provide accommodation on chargeable basis subject to availability. Necessary Fittings, tools and accessories etc if any required for commissioning must be brought for the same by the supplier's personnel.

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

8.0 TAX & DUTIES:

- (i) All taxes, stamp duties and other levies imposed outside India shall be the responsibility of the Bidder/Seller and charges thereof shall be included in the offered rates.
- (ii) All Taxes & levies imposed in India, for the services including installation & commissioning, shall be to the Bidder/Seller's account.
- (iii) Income Tax on the value of the Services rendered by the Bidder /Seller in connection with installation/ commissioning etc. shall be deducted at source from the invoices at the appropriate rate under the I.T. Act & Rules from time to time.

9.0 PAYMENT : Payment shall be released as follows -

- i) 80 % of the supply value shall be released on supply of the goods against proof of despatch/shipment of the goods.
- ii) Remaining 20 % of the supply value along with installation, commissioning charges shall be paid after successful commissioning, testing and acceptance of the unit at site.

OIL may consider making 100 % payment of the Unit value towards supply of the Unit against proof of dispatch/shipment provided bidders agree to pay interest @ 1% above prevailing Bank Rate (CC rate) of State Bank of India for 20 % of the Unit value and also submit Bank Guarantee for the equivalent amount plus interest valid till successful commissioning of Units at site. This is in addition to the 10 % of the order value towards Performance Security as per the NIT requirement.

Any offer not complying with the above shall be loaded at one percent above the prevailing Bank Rate (CC rate) of State Bank of India for the duration of commissioning time indicated in the tender plus transit time (3 months) for evaluation purpose.

ANNEXURE – II

BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)

I. BID REJECTION CRITERIA (BRC)

The bids shall conform generally to the specifications, terms and conditions given in the tender. Bids shall be rejected in case the items offered do not confirm to the required minimum / maximum parameters stipulated in the technical specifications and to the respective international / national standards wherever stipulated. Notwithstanding the general conformity of the bids to the stipulated specifications and terms & conditions, the following requirements will have to be particularly met by the bids, without which the offer will be considered as non-respective and rejected.

A) TECHNICAL:

1.0 Bidder must confirm that the items supplied shall be brand new, unused and free from any defect. Defective item, if any shall be replaced by the bidder at their own cost.

2.0 The offered pump must be FM approved and UL listed Horizontal Split Casing Centrifugal Pump, with an efficiency of 70% or higher, suitable for continuous duty, meeting delivery parameters in the range of 2500 +-5% GPM and 400 feet head respectively. Documentary evidence in support of FM approval & UL listing is to be submitted along with the offer. In support of the technical parameters of the offered model of the pump, test certificates, performance curve, technical literature from OEM of the pump must be submitted along with offer.

2.1 The offered model of engine must be FM approved and UL listed dedicated by the OEM for firefighting duties. It should conform to ISO 3046 / BS 5514 / IS10000 specifications. It should be rated for continuous power and should have 10% reserve horse power in excess of the net minimum BHP requirement of the pump input when running at rated rpm. Documentary evidence in support of FM approval & UL listing is to be submitted along with the offer. In support of technical parameters of the offered model of the engine, technical literatures and test certificates from the OEM of the engine must be submitted along with the offer.

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

3.0 BIDDERS QUALIFICATION:

3.1 The bidder may be an Original Equipment Manufacturer (OEM) of high Discharge Firefighting pump i.e. the principal equipment of minimum capacity 1000 GPM.

OR

The bidder may be an Authorized Dealer of OEM for high Discharge Firefighting pump of minimum capacity 1000 GPM.

OR

The bidder may be an (OEM) approved Assembler of high Discharge Firefighting pump of minimum capacity 1000 GPM.

NOTE: In case the bidder is other than OEM of the pump, they must obtain and submit valid authorization(s) with back up service guarantee in original from the concerned manufacturers for offering their respective products.

3.2 In case the bidder is an OEM of the pump or an authorized dealer of OEM for the pump set, the engine must be purchased from an OEM or their authorized dealer only.

OR

In case, the bidder is an OEM approved assembler of pump sets, the pump and the engine must be purchased from OEM or their authorized dealer only. OEM approved Assembler should indicate that necessary infrastructural facilities for fabrication and load testing of the pump set are available with them.

Documentary evidence in this regard must be enclosed with the offer failing which the offer will be rejected.

NOTE: But whatever may be their status in para 3.1 & 3.2 above bidder will have to enclose documentary evidence along with the offer failing which the offer will be rejected.

4.0 Bidders other than the OEM must furnish an undertaking from the OEM that in the event of placement of the purchase order to the bidder they will supply the following details and documents in respect to the equipment they offer.

- a) Date of manufacture, model, serial no. laboratory test certificates for performance, material of construction, literature & parts book.
- b) The bidder will obtain and submit valid authorization(s) with backup service guarantee in original from the concerned manufacturers for offering their respective products.

(B) COMMERCIAL :

1.0 Bids are invited under Single Stage Two Bid System. Bidders shall quote accordingly under Single Stage Two Bid System. Please note that no price details should be furnished in the Technical (i.e. Unpriced) bid. The “Unpriced Bid” shall contain all techno-commercial details except the prices which shall be kept blank. The “Priced Bid” must contain the price schedule and the bidder’s commercial terms and conditions. Bidder not complying with above submission procedure will be rejected.

2.0 Bid security of **US \$ 10,600.00** or **Rs. 6,91,000.00** shall be furnished as a part of the TECHNICAL BID (refer Clause Nos.9.0 & 12.0 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders)). Any bid not accompanied by a proper bid security in ORIGINAL will be rejected without any further consideration. A bid shall be rejected straightway if Original Bid Security is not received within the stipulated date & time mentioned in the Tender and/or if the Bid Security validity is shorter than the validity indicated in Tender and/or if the Bid Security amount is lesser than the amount indicated in the Tender.

2.1 For exemption for submission of Bid Security, please refer Clause No. 9.8 (Section A) of “General Terms & Conditions” for e-Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders).

2.2 The Bid Security shall be valid for one year from the date of tender opening i.e, valid upto **15.12.2016**.

3.0 Validity of the bid shall be minimum 180 days from Bid closing date. Bids with lesser validity will be straightway rejected.

4.0 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.

5.0 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.

6.0 Bidders shall quote directly and not through Agents in India. Offers made by Indian Agents on behalf of their foreign principals will be rejected. Similarly offers from unsolicited bidders will be rejected.

7.0 Bids containing incorrect statement will be rejected.

8.0 No offers should be sent by E-mail or Fax. Such offers will not be accepted.

9.0 Bidders must confirm that Goods, materials or plant(s) to be supplied shall be new of recent make and of the best quality and workmanship and shall be guaranteed for a period of 12(twelve) months from the date of successful commissioning against any defects arising from faulty materials, workmanship or design. Defective goods/materials or parts rejected by OIL shall be replaced immediately by the supplier at the supplier's expenses and no extra cost to OIL.

10.0 Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. The Performance Bank Guarantee must be valid for one year from the date of successful commissioning. Bidder must confirm the same in their Technical Bid. Offers not complying with this clause will be rejected.

11.0 Offers should be submitted with Integrity Pact duly signed by the authorized signatory of the bidder. If any bidder refuses to sign Integrity Pact or declined to submit Integrity Pact with the offer, their bid shall be rejected straightway.

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

(i) Commercial Bid Format (SUMMARY) for Foreign Bidders :

- (A) Total material cost for 3 nos. Fire Pump sets
- (B) Total cost of spares under G1 & G2
- (C) Grand Total of Material cost (A+B) above

- (D) Packing & FOB Charges
- (E) Total FOB Port of Shipment value, (C+D) above
- (F) Ocean Freight Charges upto Kolkata, India
- (G) Insurance Charges
- (H) Total CIF Kolkata value, (E+F+G)
- (I) Pre-shipment/despatch Inspection charges
- (J) Installation & Commissioning charges including service tax
- (K) Total Value, (H+I+J) above
- (L) Total value in words :
- (M) Gross Weight :
- (N) Gross Volume

(ii) Commercial Bid Format (SUMMARY) for Indigenous Bidders :

- (A) Total material cost for 3 nos. Fire Pump sets
- (B) Total cost of spares under G1 & G2
- (C) Grand Total of Material cost (A+B) above
- (D) Packing and Forwarding Charges
- (E) Total Ex-works value (C+D)
- (F) Excise Duty, (Please indicate applicable rate of excise duty)
- (G) Sales Tax, (Please indicate applicable rate of Tax)
- (H) Total FOR Despatching station price, (E+F+G)
- (I) Road Transportation charges to Duliajan
- (J) Insurance Charges
- (K) Total FOR Duliajan value, (H+I+J)
- (L) Pre-shipment Inspection charges
- (M) Installation & Commissioning charges including service tax
- (N) Total Value, (K+L+M) above
- (O) Total value in words :
- (P) Gross Weight :
- (R) Gross Volume :

NOTE : Cost of individual items must be quoted separately.

13.0 Installation/Commissioning charges must be quoted separately on lumpsum basis inclusive of service tax which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares, boarding/lodging, local transport at Duliajan and other expenses of supplier's commissioning personnel during their stay at Duliajan, Assam(India). OIL may provide accommodation on chargeable basis subject to availability. All Income, Service, Corporate Taxes etc. towards the services provided under installation / commissioning, training shall be borne by the supplier and will be deducted at source at the time of releasing the payment. Bidder should also confirm about providing all these services in the Technical Bid.

13.1 The bidder shall have to offer the material for Pre-despatch/shipment Inspection by OIL. Pre-despatch/Shipment Inspection charges, if any, must be quoted separately on lumpsum basis which shall be considered for evaluation of the offer. The to and fro fares, boarding/lodging and other enroute expenses of OIL's personnel shall be borne by OIL.

13.2 Bidders must categorically indicate the Installation / Commissioning, Pre-despatch/Shipment Inspection (if any) charges in their offer and must confirm about providing the same in their Technical bid.

(II) BID EVALUATION CRITERIA (BEC) :

The bids conforming to the specifications, terms and conditions stipulated in the enquiry and considered to be responsive after subjecting to the Bid Rejection Criteria will be considered for further evaluation as per the Bid Evaluation Criteria given below:

A. TECHNICAL:

1.0 All materials as indicated in the material description of the NIT should be offered. If any of the items are not offered by the bidders, the offer will not be considered for evaluation.

B. COMMERCIAL :

1.0 The evaluation of bids will be done as per the Commercial Bid Format (SUMMARY) detailed vide Para 12.0 of BRC.

2.0 If there is any discrepancy between the unit price and the total price, the unit price will prevail and the total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amounts in words shall prevail and will be adopted for evaluation.

3.0 For conversion of foreign currency into Indian currency, B.C. selling (Market) rate declared by State Bank of India, one day prior to the date of price bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceed 3(three) months, then B.C. Selling(Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

4.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made as under, subject to corrections / adjustments given herein.

4.1 When only foreign bidders are involved :

Comparison of bids will be done on the basis of "TOTAL VALUE" which is estimated as under :

- (A) Total material cost for 3 nos. Fire Pump sets
- (B) Total cost of spares under G1 & G2 of Annexure-I
- (C) Grand Total of Material cost (A+B) above
- (D) Packing & FOB Charges
- (E) Total FOB Port of Shipment value, (C+D) above
- (F) Ocean Freight Charges upto Kolkata, India
- (G) Insurance Charges @ 1% of Total FOB Value vide (E) above
- (H) Banking Charges @ 0.5% of Total FOB Value vide (E) above in case of payment through Letter of Credit (If confirmed L/C at buyer's account is required, 1.5% of Total FOB Value will be loaded)
- (I) Total CIF Kolkata Value, (E+F+G+H) above
- (J) Pre-shipment/despatch Inspection charges
- (K) Installation & Commissioning charges including service tax
- (L) Total Value, (I+J+K) above

- (M) Total value in words :
- (N) Gross Weight :
- (O) Gross Volume

NOTE : Banking charge in the country of the foreign bidder shall be borne by the bidder.

4.2 When only domestic bidders are involved or when more than one domestic bidders are in contention in case of mixed response :

Comparison of bids will be done on the basis of "TOTAL VALUE" which is estimated as under :

- (A) Total material cost for 3 nos. Fire Pump sets
- (B) Total cost of spares under G1 & G2 of Annexure - I
- (C) Grand Total of Material cost (A+B) above
- (D) Packing and Forwarding Charges
- (E) Total Ex-works value (C+D)
- (F) Excise Duty, (Please indicate applicable rate of excise duty)
- (G) Sales Tax, (Please indicate applicable rate of Tax)
- (H) Total FOR Despatching station price, (E+F+G)
- (I) Road Transportation charges to Duliajan
- (J) Insurance Charges @0.5% of Total FOR Despatching Station Value (H)
- (K) Total FOR Duliajan value, (H+I+J)
- (L) Pre-shipment Inspection charges
- (M) Installation & Commissioning charges including service tax
- (N) Total Value, (K+L+M) above
- (O) Total value in words :
- (P) Gross Weight :
- (Q) Gross Volume :

NOTE: Excise Duty in case of the indigenous bidder is EXEMPTED under Deemed Export.

4.3 When both foreign and domestic bidders are involved :

The Total Value of domestic bidder (inclusive of customs duty on imported raw material and components etc. and applicable terminal excise duty on the finished products and Sales Tax) excluding inland transportation to destination, Assam Entry Tax and Insurance charges worked out as per Para 4.2 above and Total Value of the foreign bidder worked out as per Para 4.1 above will be compared. No price preference will be allowed to indigenous bidders except that for capital goods, the domestic manufacturers would be accorded a price preference to offset CST to the extent of 4 % or actuals, which ever is less subject to 30 % local content norms as stipulated for World Bank Funded project to the satisfaction of OIL. When more than one domestic bidders fall within price preference range, inter-se-ranking will be done on Total Value basis.

Note: If the Government of India revises these evaluation criteria the same as applicable on the bid closing date will be adopted for evaluation of the offers.

5.0 Other terms and conditions of the enquiry shall be as per General Terms and Conditions for Global Tender. However, if any of the Clauses of the Bid

Rejection Criteria / Bid Evaluation Criteria (BEC / BRC) mentioned here contradict the Clauses in the General Terms & Conditions of Global Tender of the tender and/or elsewhere, those mentioned in this BEC / BRC shall prevail.

ANNEXURE – III

CHECK LIST

(A) TECHNICAL CHECK LIST:

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THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE TICK MARK “YES” OR “NO” TO THE FOLLOWING POINTS, IN THE RIGHT HAND COLUMN.

SRL NO.	Parameters / Requirements	YES	NO
1.	WHETHER QUOTED AS OEM OF PUMP AND WHETHER DOCUMENTARY EVIDENCES SUBMITTED?	YES	NO
2.	WHETHER QUOTED AS AUTHORISED DELAER OF PUMP AND WHETHER DOCUMENTARY EVIDENCES SUBMITTED?	YES	NO
3.	WHETHER QUOTED AS OEM APPROVED ASSEMBLER OF PUMP SETS AND WHETHER DOCUMENTARY EVIDENCES SUBMITTED?	YES	NO
4.	WHETHER THE OFFERED PUMP IS A HORIZONTAL, SPLIT TYPE CENTRIFUGAL PUMP DESIGNED FOR CONTINUOUS SERVICE / DUTY MEETING FM / UL DUTY SPECIFICATION?	YES	NO
5.	WHETHER THE EFFICIENCY OF THE PUMP IS AT LEAST 70%?	YES	NO
6.	WHETHER THE OFFERED ENGINE CONFORMS EITHER TO ISO3046 / BS5514 / IS10000 SPECIFICATIONS?	YES	NO
7.	WHETHER THE NET HP OF THE ENGINE HAS A RESERVE HP OF 10% MORE THAN THE NET MINIMUM BHP REQUIREMENT FO THE PUMP INPUT WHEN RUNNING AT SELECTED RPM?	YES	NO
8.	WHETHER THE ENGINE IS RATED FOR CONTINUOUS POWER?	YES	NO
9.	WHETHER THE ENGINE IS A DUAL MODE (BATTERY AND AIR) START ENGINE?	YES	NO
10.	WHETHER SUCTION AND DISCHARGE MANIFOLD, AS DESCRIBED, HAVE BEEN INCLUDED IN THE SCOPE OF SUPPLY?	YES	NO
11.	WHETHER PRIMING PUMP HAS BEEN INCLUDED IN THE SCJOPE OF SUPPLY TO FACILITATE STARTING OF THE MAIN CENTRIGUFAL PUMP?	YES	NO
12.	WHETHER GUARDS ARE PROVIDED OVER COUPLING AND BELT DRIVES AND THE FLOOR OF THE FOUR RUNNER SKID COVERED BY CHECKERED PLATES?	YES	NO
13.	WHETHER THE PRICES OF THE TWO YEARS SPARES FOR THE PACKAGE HAVE BEEN PROVIDED SEPARATELY?	YES	NO
14.	WHETHER SPECIAL TOOLS AND COMISSIONING SPARES HAVE BEEN INCLUDED IN THE SCOPE OF SUPPLY?	YES	NO
15.	WHETHER SPARES ARE AVAILABLE FOR 10 YEARS AFTER SUPPLY OF EQUIPMENT?	YES	NO
16.	WHETHER SEPAERATELY HIGHLIGHTED ANY	YES	NO

	DEVIATION FROM THE TECHNICAL SPECIFICATION?		
17.	WHETHER THE PUMP SETS WILL BE OFFERED FOR PRE-DISPATCH INSPECTION ?	YES	NO
18.	WHETHER COMMISSIONING OF THE PUMP SETS IS INCLUDED IN THE SCOPE OF THE OFFER?	YES	NO
19.	WHETHER THE MINIMUM SPARES MENTIONED IN CLAUSE (G) HAVE BEEN INCLUDED IN THE SCOPE OF THE OFFER FOR COMMERCIAL EVALUATION?	YES	NO
20.	WHETHER ENGINE IS RADIATOR COOLED?	YES	NO

(B) COMMERCIAL CHECK LIST :

ANNEXURE III

THE CHECK LIST MUST BE COMPLETED AND RETURNED WITH YOUR OFFER. PLEASE ENSURE THAT ALL THESE POINTS ARE COVERED IN YOUR OFFER. THESE WILL ENSURE THAT YOUR OFFER IS PROPERLY EVALUATED. PLEASE SELECT “Yes” OR “No” TO THE FOLLOWING QUESTIONS, IN THE RIGHT HAND COLUMN.

Sl#	REQUIREMENT	COMPLIANCE
1.0	Whether bid submitted under Single Stage Two Bid System?	Yes / No
2.0	Whether quoted as manufacturer?	Yes / No
2.1	Whether quoted as OEM Dealer/Distributor. To Specify-	Yes / No
2.2	If quoted as OEM Dealer / Distributor / Assembler, (a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / Distributor / Assembler for the product offered ?	Yes / No
3.0	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	
	Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format(Annexure VII Revised) Sent separately? If YES, provide details	
	(a) Amount :	
	(b) Name of issuing Bank :	
	© Validity of Bid Bond :	
4.0	Whether offered firm prices ?	Yes / No
4.1	Whether quoted offer validity of 180 days from the date of closing of tender?	Yes / No
4.2	Whether quoted a firm delivery period?	Yes / No
4.3	Whether agreed to the NIT Warranty clause?	Yes / No
4.4	Whether confirmed acceptance of tender Payment Terms?	Yes / No
5.0	Whether confirmed to submit PBG as asked for in NIT?	Yes / No
5.1	Whether agreed to submit PBG within 30 days of placement of order?	Yes / No
6.0	Whether Price submitted as per Price Schedule (refer Para 12.0 of BRC vide Annexure – II)?	Yes / No
7.0	Whether list of Recommended Spares for 2 years of operations with part No., quantity & unit rate quoted ?	Yes / No
7.1	Whether confirmed that all spares & consumables will be supplied	Yes / No

	for a minimum period of 10 years ?	
7.2	Whether quoted for optional accessories, if any ?	Yes / No
8.0	Whether quoted as per NIT (without any deviations)?	Yes / No
8.1	Whether quoted any deviation?	Yes / No
8.2	Whether deviation separately highlighted?	Yes / No
8.3	Whether indicated the country of origin for the items quoted?	Yes / No
8.4	Whether technical literature / catalogue enclosed?	Yes / No
8.5	Whether weight & volume of items offered indicated?	Yes / No
9.0	For Foreign Bidders – Whether offered FOB / FCA port of despatch including sea / air worthy packing & forwarding?	Yes / No
9.1	For Foreign Bidders – Whether port of shipment indicated. To specify:	Yes / No
9.2	For Foreign Bidders only – Whether indicated ocean freight up to Kolkata port (Excluding marine insurance) ?	Yes / No
9.3	Whether Indian Agent applicable ?	Yes / No
	If YES, whether following details of Indian Agent provided?	
	(a) Name & address of the agent in India – To indicate	
	(b) Amount of agency commission – To indicate	
	© Whether agency commission included in quoted material value?	
10.0	For Indian Bidders – Whether indicated the place from where the goods will be dispatched. To specify :	Yes / No
10.1	For Indian Bidders – Whether road transportation charges up to Duliajan quoted?	Yes / No
10.2	For Indian Bidders only – Whether offered Ex-works price including packing/forwarding charges?	Yes / No
10.3	For Indian Bidders only – Whether indicated import content in the offer?	Yes / No
10.4	For Indian Bidders only – Whether offered Deemed Export prices?	Yes / No
10.5	For Indian Bidders only – Whether all applicable Taxes & Duties have been quoted?	Yes / No
11.0	Whether all BRC/BEC clauses accepted ?	Yes / No
12.0	Whether confirmed to offer the equipment for Pre-despatch/shipment Inspection ?	Yes / No
12.1	Whether Pre-despatch/shipment inspection charges applicable?	Yes / No
12.2	If Pre-despatch/shipment inspection charges applicable, whether quoted separately on lumpsum basis?	Yes / No
12.3	Whether confirmed to carry out Installation & Commissioning of the equipment at Duliajan(Assam) ?	Yes / No
12.4	Whether Installation & Commissioning charge applicable?	Yes / No
12.5	If Installation/ Commissioning charges applicable, whether separately quoted on lumpsum basis?	Yes / No
12.6	Whether to & fro air fares, boarding/lodging of the commissioning personnel at Duliajan, Assam(India) included in the quoted charges ?	Yes / No
12.7	Whether confirmed that all Service, Income, Corporate tax etc. applicable under Installation/ Commissioning are included in the prices quoted ?	Yes / No
13.0	Whether Integrity Pact with digital signature uploaded?	Yes / No

13.1	Whether all the clauses in the Integrity Pact have been accepted?	Yes / No
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Signature _____
Name _____
Designation _____
