Conquering Newer Horizons

MATERIALS DEPARTMENT P.O. DULIAJAN - 786 602 DIST. DIBRUGARH ASSAM, INDIA

PHONE: 0374 - 2808720 FAX: 0374 - 2800533 EMAIL: mmfd1@oilindia.in

Date:28.07.2018

Ref No. FD09-1417402/05092018

FORWARDING LETTER

| M/s | | |
|-----|--|--|
| | | |

Sub: Tender No. <u>SDG8781P19/09</u> for <u>SUPPLY OF EMD CHEMICAL DOSING PUMP.</u>

Dear Sirs,

- 1.0 OIL INDIA LIMITED (OIL), a "Navaratna" Category, Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas with its Headquarters at Duliajan, Assam. Duliajan is well connected by Air with nearest Airport being at Dibrugarh, 45 km away.
- 2.0 In connection with its operations, OIL invites International Competitive Bids (ICB) from competent and experienced Contractors through OIL's e-procurement site for "SUPPLY OF EMD CHEMICAL DOSING PUMP". One complete set of Bid Document for above is uploaded in OIL's e-procurement portal. You are invited to submit your most competitive bid on or before the scheduled bid closing date and time through OIL's e-procurement portal. For your ready reference, few salient points of the Tender are highlighted below:

| E-Tender No | : | SDG8781P19/09 | | |
|-----------------------------------|----|--------------------------------------------------------------------------------------------------|--|--|
| Type of Bidding | | SINGLE STAGE COMPOSITE BID SYSTEM | | |
| Tender Fee | : | INR 6,000.00 OR USD 100.00 | | |
| Period of Sale of Bid Documents | •• | As mentioned in Online E-tender portal | | |
| Bid Closing Date & Time | : | As mentioned in Online E-tender portal | | |
| Technical Bid Opening Date & Time | : | As mentioned in Online E-tender portal | | |
| Price Bid Opening Date & Time | : | As mentioned in Online E-tender portal | | |
| Bid Submission Mode | : | Bids must be uploaded online in OIL's E-procurement portal | | |
| Bid Opening Place | : | Office of GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India. | | |

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| Bid Validity | : | Bid should be valid for 90 days from actual bid |
|---------------------------------------|----|--------------------------------------------------------------------------------------------------|
| | | closing date. |
| Bid Security Amount | : | INR 99,000.00 OR USD 1,550.00 |
| Bid Security Validity | : | Upto 05.03.2019 |
| Original Bid Security to be submitted | : | Office of GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India. |
| Performance Guarantee | : | Applicable @ 10% of Order value |
| Integrity Pact | : | Not Applicable |
| Pre-bid Conference | : | Not Applicable |
| Contact Details | : | AMRIT L BORA, MANAGER MATERIALS E-MAIL: MMFD1@OILINDIA.IN; PHN: 0374-2808720 |
| E-Tender technical Support | : | TEL: 0374-2807171/7192, E-MAIL: ERP_MM@OILINDIA.IN |
| Bids to be addressed to | : | GM-Materials, Materials Department, Oil India Limited, Duliajan -786602, Assam, India. |
| LIST OF ANNEXURES A | PP | LICABLE |
| General Terms & Conditions | : | MM/GLOBAL/E-01/2005 for E-Procurement ICB Tenders |
| Annexure-I | : | Specification and various notes to bidders |
| Annexure-II | : | Bid Evaluation & Rejection Criteria |
| Annexure-III | : | Check List (Technical & Commercial) |
| Annexure-IV | : | Certificate of Annual Turnover & Net Worth |
| Annexure-V | : | Technical Evaluation Matrix (Technical specifications) |
| Annexure-VI | : | Technical Evaluation Matrix (BEC/BRC) |
| Others | : | Any other document uploaded online in OIL's E-procurement portal. |
| | | procurement portal. |

3.0 OIL now looks forward to your active participation in the Tender.

Thanking you, Yours faithfully, OIL INDIA LIMITED

sd/(Amrit Loushon Bora)
Manager Materials(FD)
For GM Materials
For Resident Chief Executive

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AA:: SPECIFICATION & QUANTITY OF THE ITEMS TO BE PROCURED

| Item no | Material Description | Quantity |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 10 | ELECTRIC MOTOR DRIVEN, SKID MOUNTED, RECIPROCATING PLUNGER TYPE CHEMICAL DOSING PUMP. | 15 Nos. |
| | Electric Motor Driven, Skid Mounted, reciprocating plunger type Chemical Dozing Pump with enclosed gear box, complete with variable output adjustment devices, relief valves, check valves on suction as well as delivery sides, strainer, base frame etc. as per the following specification - | |
| | A. Details of Pump: | |
| | Capacity: 0-2.5 LPH Delivery Pressure-10 Kg/cm2 | |
| | 1. Single Simplex Reciprocating Plunger type Metering Pump. | |
| | 2. The suction and delivery shall be of size ½ " each, Flanged to ANSI B 16.5, Flanges of SA 105, complete with companion flange, gaskets and nuts and bolts. | |
| | 3. Capacity of the pump shall be 0-2.5 LPH against dis. Pressure of 10 Kg/cm2 when run with flooded suction. The pump shall have manual adjustment facility for discharge rate. | |
| | 4. The pump shall have suitable check valves at suction and delivery along with a strainer at suction side. | |
| | 5. The Pump shall have suitable safety valves to protect it from any abnormal pressure rise in delivery. | |
| | 6. The Material of Construction of the pump body, suction and discharge ends shall be AISI 304 Stainless Steel and of gland packing shall be PTFE. | |
| | 7. The Pump shall be suitable for handling flow improver of viscosity 85 cP @ 40°C. Pump shall be suitable for operating temperature of range 40 - 60°C. | |
| | B. Details of Motor: | |
| | 1. The motor shall be 3 phase, squirrel cage, AC Induction motor. The motor shall be FLAMEPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mines. The motor shall be type tested and certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for use in hazardous area zone-1, gas group IIA & IIb. | |
| | 2. Standards to be followed for motor: IS- 325, IS – 2148, IS/IEC – 60034. | |
| | 3. The motor rating shall be minimum 10 % higher than the input | |

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shaft HP, required for running of the driven equipment at the rated continuous output.

- 4. The enclosure of the motor shall be TEFC with Degree of protection IP55.
- 5. The insulation of the motor shall be Class F/H with temperature rise limited to that of class B.
- 6. Motor shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand high voltage fluctuation.
- 7. The frequency of the motor shall be 50 Hz \pm 3%.
- 8. The motor shall be Direct Coupled with bi-directional fan at NDE.
- 9. Starting: DOL starting for motors up to 12.5 HP; Y/D for motor above 12.5 HP.
- 10. Terminal Box: Flameproof Cable termination box with brought out terminals suitable for terminating PVCA aluminium cables of proper size as per rating of motor (01 no. for DOL; 02 nos. for Y/D starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate.
- 11. Glands: Adequate nos. of FLP-WP cable glands (depending on motor rating and type of starter) shall be supplied with the motor. The glands shall be double compression type and suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. Glands shall be type tested and certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory.
- 12. Earthing: Two nos. of earthing studs to be provided on both sides of the motor. Earthing system for the motor shall be as per the IS: 3043.
- 13. Lifting Eye: One no. lifting eye hook shall be provided for lifting the motor.
- 14. Markings: Name plate details with name of manufacturer, frame size, rated voltage, output, current, frequency, type of duty, class of insulation, no. of phases, speed in rpm at rated output, degree of protection, winding connections, ambient temp, bearing sizes, lubricant, lubrication material and year of manufacture CMRI certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body).
- 15. The motor shall be of Bharat Bijlee / Crompton Greaves / KEC / Siemens /NGEF /ABB / Laxmi Hydraulic / Marathon Electric make.

C. Details of Starter:

Separate Flameproof starter shall be supplied with the motor. The

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starter shall be suitable for self-mounting with proper supports, with provisions for grouting on floor/wall.

- 1. The starter shall be suitable for 3 phase, 415 V, 50 Hz squirrel cage, AC Induction motor.
- 2. The starter shall be FLAMEPROOF and WEATHERPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mine. The starter shall be certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory and approved by Director General of Mines Safety (DGMS), Govt. of India, for FLP-WP construction and use in above area. Standards: IS-13947, 2148. Enclosure: FLP with Degree of protection –IP65.
- 3. Starter shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand specified voltage fluctuation. Freq.: 50 Hz \pm 3%.
- 4. There shall be a power isolator built-in with the FLP enclosure for isolating the power supply to the starter. Alternately, a separate FLP-WP box with isolator, mounted with the main starter enclosure, can also be provided. However, the complete enclosure shall be type tested and certified from CIMFR or any other Govt. approved NABL accredited test laboratory for flameproof quality.
- 5. The starter shall have Power contactor(s) with auxiliary contacts. The Power Contactor(s) normal current rating shall be selected for long life operation of the contactors. One bimetallic thermal overload relay with AUTO/ MANUAL reset (reset button to be mounted on door of the starter and shall be accessible from front) shall be provided for overload protection of the motor.
- 6. Start/stop push button shall be provided on the front of the starter.
- 7. Control circuit of the starter shall operate on 240/415v AC.
- 8. In case of Y/D starter Electronic timer for Y/D delay shall be provided.
- 9. Make of Contactor, Relay, timer: Siemens/GE/Schneider/L&T/ABB/Indo-Asian.
- 10. Terminal Box: Cable termination box with brought out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (01 no. incoming; outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate.
- 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP

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construction and use in above area.

- 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043.
- 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body).
- 14. Make of Starter shall be FCG/Baliga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic.

D. SPARES:

Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose.

- i)Teflon and gland packing for pump -02 Sets per pump.
- ii)O-rings and packings-02 Sets per pump.
- iii) Suction Strainer Filter Element: 2 nos per pump.
- iv) Plunger for Pump: 1 Nos per pump.
- v) Oil Seal Set for Pump and motor: 2 set per pump.
- vi) Pump Suction and Discharge Valve Assembly: 1 Set per pump.

20 ELECTRIC MOTOR DRIVEN, SKID MOUNTED, RECIPROCATING PLUNGER TYPE CHEMICAL DOSING PUMP.

30 Nos.

Electric Motor Driven, Skid Mounted, reciprocating plunger type Chemical Dozing Pump with enclosed gear box, complete with variable output adjustment devices, relief valves, check valves on suction as well as delivery sides, strainer, base frame etc. as per the following specification -

A. Details of Pump:

Capacity: 0-40 LPH

Delivery Pressure-10 Kg/cm2

- 1. Single Simplex Reciprocating Plunger type Metering Pump.
- 2. The suction and delivery shall be of size $\frac{1}{2}$ " each, Flanged to ANSI B 16.5, Flanges of SA 105, complete with companion flange, gaskets and nuts and bolts.
- 3. Capacity of the pump shall be 0-40 LPH against dis. Pressure of 10 Kg/cm2 when run with flooded suction. The pump shall have manual adjustment facility for discharge rate.
- 4. The pump shall have suitable check valves at suction and delivery along with a strainer at suction side.
- 5. The Pump shall have suitable safety valves to protect it from

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any abnormal pressure rise in delivery.

- 6. The Material of Construction of the pump body, suction and discharge ends shall be AISI 304 Stainless Steel and of gland packing shall be PTFE.
- 7. The Pump shall be suitable for handling flow improver of viscosity 85 cP @ 40°C. Pump shall be suitable for operating temperature of range 40 60°C.

B. Details of Motor:

- 1. The motor shall be 3 phase, squirrel cage, AC Induction motor. The motor shall be FLAMEPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mines. The motor shall be type tested and certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for use in hazardous area zone-1, gas group IIA & IIb.
- 2. Standards to be followed for motor: IS- 325, IS 2148, IS/IEC 60034.
- 3. The motor rating shall be minimum 10 % higher than the input shaft HP, required for running of the driven equipment at the rated continuous output.
- 4. The enclosure of the motor shall be TEFC with Degree of protection IP55.
- 5. The insulation of the motor shall be Class F/H with temperature rise limited to that of class B.
- 6. Motor shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand high voltage fluctuation.
- 7. The frequency of the motor shall be 50 Hz \pm 3%.
- 8. The motor shall be Direct Coupled with bi-directional fan at NDE.
- 9. Starting: DOL starting for motors up to 12.5 HP; Y/D for motor above 12.5 HP.
- 10. Terminal Box: Flameproof Cable termination box with brought out terminals suitable for terminating PVCA aluminium cables of proper size as per rating of motor (01 no. for DOL; 02 nos. for Y/D starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate.
- 11. Glands: Adequate nos. of FLP-WP cable glands (depending on motor rating and type of starter) shall be supplied with the motor. The glands shall be double compression type and suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. Glands shall be type tested and certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory.

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- 12. Earthing: Two nos. of earthing studs to be provided on both sides of the motor. Earthing system for the motor shall be as per the IS: 3043.
- 13. Lifting Eye: One no. lifting eye hook shall be provided for lifting the motor.
- 14. Markings: Name plate details with name of manufacturer, frame size, rated voltage, output, current, frequency, type of duty, class of insulation, no. of phases, speed in rpm at rated output, degree of protection, winding connections, ambient temp, bearing sizes, lubricant, lubrication material and year of manufacture CMRI certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body).
- 15. The motor shall be of Bharat Bijlee / Crompton Greaves / KEC / Siemens /NGEF /ABB / Laxmi Hydraulic / Marathon Electric make.

C. Details of Starter:

Separate Flameproof starter shall be supplied with the motor. The starter shall be suitable for self-mounting with proper supports, with provisions for grouting on floor/wall.

- 1. The starter shall be suitable for 3 phase, 415 V, 50 Hz squirrel cage, AC Induction motor.
- 2. The starter shall be FLAMEPROOF and WEATHERPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mine. The starter shall be certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory and approved by Director General of Mines Safety (DGMS), Govt. of India, for FLP-WP construction and use in above area. Standards: IS-13947, 2148. Enclosure: FLP with Degree of protection –IP65.
- 3. Starter shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand specified voltage fluctuation. Freq.: 50 Hz \pm 3%.
- 4. There shall be a power isolator built-in with the FLP enclosure for isolating the power supply to the starter. Alternately, a separate FLP-WP box with isolator, mounted with the main starter enclosure, can also be provided. However, the complete enclosure shall be type tested and certified from CIMFR or any other Govt. approved NABL accredited test laboratory for flameproof quality
- 5. The starter shall have Power contactor(s) with auxiliary contacts. The Power Contactor(s) normal current rating shall be selected for long life operation of the contactors. One bimetallic thermal overload relay with AUTO/ MANUAL reset (reset button to be mounted on door of the starter and shall be accessible from front) shall be provided for overload protection of the motor.

6. Start/stop push button shall be provided on the front of the

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starter.

- 7. Control circuit of the starter shall operate on 240/415v AC.
- 8. In case of Y/D starter Electronic timer for Y/D delay shall be provided.
- 9. Make of Contactor, Relay, timer: Siemens/GE/Schneider/L&T/ABB/Indo-Asian.
- 10. Terminal Box: Cable termination box with brought out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (01 no. incoming; outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate.
- 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP construction and use in above area.
- 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043.
- 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body).
- 14. Make of Starter shall be FCG/Baliga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic.

D. SPARES:

Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose.

- i)Teflon and gland packing for pump -02 Sets per pump.
- ii)O-rings and packings-02 Sets per pump.
- iii) Suction Strainer Filter Element: 2 nos per pump.
- iv) Plunger for Pump: 1 Nos per pump.
- v) Oil Seal Set for Pump and motor: 2 set per pump.
- vi) Pump Suction and Discharge Valve Assembly: 1 Set per pump.

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BB :: SPECIAL NOTES TO BIDDERS:

- 1.0 The items shall be brand new, unused & of prime quality. Bidder shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 12 months from date of receipt at site or 18 months from the date of shipment/despatch. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense on FOR Destination basis. Bidders must confirm the same while quoting. The Pump and motor shall be unitized on a common MS skid base plate by a Pin bush type / lovejoy coupling having coupling guard and foundation bolts.
- 2.0 The bidder must submit the following documents with the bid for technical evaluation:
 - i) Detailed cross sectional/dimensional drawing of pump
 - ii) Literatures, catalogues, operating manual
 - iii) Detailed Electrical schematic and component layout Diagram of the starter panel
 - iv) Detailed drawings of the offered FLP Motor and starter enclosure showing terminal box & cable entry arrangement with double compression cable glands
- 3.0 The FLP motor, starter & FLP gland(s) must be confirming to requirements of relevant Indian standard and shall be suitable for installation in Hazardous Area Zone 1, Gas Groups IIA and IIB, of Oil Mines. These items shall be type tested and certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP & WP construction for use in above area. A copy of the valid type test certificate shall be submitted along with the bid for technical evaluation.
- 4.0 Frame size & make of the offered motor should be mentioned in the offer.
- 5.0 All unused cable entries holes of the starter/motor must be plugged with CIMFR/test laboratory certified FLP-WP sealing plugs.
- 6.0 Packing shall be adequate to avoid transit damage & protection against tropical rains.
- 7.0 Bidder shall categorically mention that their offer complies with all the features mentioned in the Motor specification & all the relevant documents required as per above points are enclosed in their offer.
- 8.0 The bidder shall, in the event of an order, agree to submit the following documents along with supply of the unit:
 - a. Detailed Foundation Drawing of the unit.
 - b. Detailed Operation & Maintenance (O&M) Manual.
 - c. Guarantee Certificate of pump, motor and starter for 12 months after date of receipt of supply.
 - d. Valid Test certificate of pump motor, starter and glands for routine tests done at manufacturer's works.
- 9.0 The Bidder shall categorically confirm the detail specifications of the tender.
- 10.0 The bidder shall quote for recommended spares along with price, part nos. of individual items for two (02) years trouble free operation of the dozing unit. While quoting for these spares, the bidder shall take into account the consumption

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- pattern as deemed fit. The price of these spares shall not be considered for evaluation. However, procurement of these spares shall be at the discretion of OIL.
- 11.0 The bidders shall also confirm availability of all the spares quoted, for a period of five (05) years from the date of supply of the dozing unit.
- 12.0 In the event of an order, first fill of lubricant shall be within the scope of supply of the bidder.
- 13.0 The Bidder to submit Technical Compliance Check List along with technical bid as per Annexure-III, Annexure-V & Annexure-VI, attached.
- 14.0 The bidder shall categorically confirm that the pump shall be able to handle various chemicals used in E&P activity, i.e. Oil Soluble Demulsifiers, Deoilers, Pour Point Depressant (Flow Improver), Methanol etc.

CC:: GENERAL NOTES TO BIDDERS:

| SI | Clause description |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No | |
| 1.0 | Tender Fee – Tender fee must be paid online through OIL's payment gateway only and no other instrument (Cash/DD/Cheques/Cashier Cheque, etc) will be acceptable. |
| 2.0 | Bid Security/EMD/Performance Bank Guarantee - Must be paid either through online mode or Submission of Bank Guarantee/LC only. No DD/Cheques/Cashier Cheque or any other mode will be acceptable. |
| | The Bank Guarantee issued by bank must be routed through SFMS platform as per following details: |
| | a. (i) "MT760/ MT760 COV for issuance of bank guarantee (ii) MT767/ MT767 COV for amendment of bank guarantee |
| | The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602. |
| | b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee. |
| | BGs not routed through the SFMS portal of Axis Bank, Duliajan shall not be accepted and bids with "BG without SFMS" are liable for rejection. |
| 3.0 | 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. |
| 4.0 | Bid must be submitted online through OIL's e-procurement portal. Bid submitted in any other form will be rejected. |
| 5.0 | 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 scribing tender no. and due date to The DGM Materials, Materials Department, Oil India Limited, Duliajan-786602, Assam on or before 13:00 hrs (IST) on the Bid Closing Date mentioned |

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| | in the Tender. | | | | | |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| | a) Original Bid Security along with two duplicate copies of Bid Security. b) Any other documents which have been particularly asked for in | | | | | |
| | this tender for submission. | | | | | |
| 6.0 | Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected. | | | | | |
| 7.0 | 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. | | | | | |
| 8.0 | All the Bids must be Digitally Signed using "Class 3" digital certificate (e-commerce application) with organisation names 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. | | | | | |
| 9.0 | Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer. | | | | | |
| 10.0 | The tender is invited under SINGLE STAGE-COMPOSITE BID SYSTEM. The bidder has to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" 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". | | | | | |
| | Any offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in the tender. | | | | | |
| | Notes and Attachments → Only Price Details Should Be Uploaded | | | | | |
| | Technical attachments → All technical bid documents except price details | | | | | |
| | Please do refer "NEW INSTRUCTION TO BIDDER FOR SUBMISSION" for the above two points and also please refer " New Vendor Manual (effective 12.0.2017) " available in the login Page of the OIL's E-tender Portal. | | | | | |

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| | | Oil India Limited e-Procurement User ID * Password * Guest User Log on Logon Problems? Get Support | | |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | | Supplier Enlistment for E/Tender Important Note for New Portal Users: Click here to View Compatability Settings General Guidelines to bidders Click for User Manuals © 2012 Oil India Limited. All rights reserved. Click for Terms of use, Privacy Policy, Refund Policy Docs | | |
| 11.0 | Volume, Indian Agent's Name and | otation the Net. Weight, Gross Weight & its Commission, Payment Terms, Ocean Loading, Delivery period, Country of origin | | |
| 12.0 | ask the bidder for clarification in results such clarifications fulfilling the BRC of | iveness of the bid, OIL reserves the right to pect of clauses covered under BRC also and clauses in toto must be received on or before the offer will be summarily rejected. | | |
| 13.0 | placement of order. The minimum F reduced quantity/enhanced quantity | increased or decreased at the time of final OB/FCA charges in case of partial order for ty shall have to be indicated by the bidder. cally, the charges quoted would be pro-ratading on the bidder. | | |
| 14.0 | Conditions" for e- Procurement as p E-procurement (ICB Tenders). Ho Rejection Criteria (BRC) / Bid E contradict the Clauses in the "Gene as per Booklet No. MM/GLOBAL/E | tender shall be as per "General Terms & er Booklet No. MM/GLOBAL/E-01/2005 for wever, if any of the Clauses of the Bid Evaluation Criteria (BEC) mentioned here eral Terms & Conditions" for e-Procurement E-01/2005 for E-procurement (ICB Tenders) hose mentioned in this BEC / BRC shall | | |
| 15.0 | Development (MSMED) Act 2006, has 2012 with effect from 1st April, 201 services, produced and provided Ministries, Departments and Public development of Micro and Small En Public Procurement Policy for procenterprises (MSE) in the tender is full | nder Micro, Small and Medium Enterprises is proclaimed the Public Procurement Policy, I2 in respect of procurement of goods and by micro and small enterprises, by its its essector Undertakings for promotion and terprises. A new Clause on applicability of turement of goods from Micro and Small purnished vide Amendment to General Terms of (MM/GLOBAL/E-01/2005). Bidders are | | |

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| | requested to take note of the same and to submit their offers accordingly. |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16.0 | Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date. |
| 17.0 | Bidder to sign and submit completely filled up Technical & Commercial check list and Technical Evaluation Matrix for Bid evaluation criteria and Technical specification failing which their offer will be rejected. |
| 18.0 | Payment terms: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). |
| 19.0 | Liquidated Damage: Refer to "General Terms & Conditions" for e- Procurement as per Booklet No. MM/GLOBAL/E-01/2005 for E-procurement (ICB Tenders). The applicable GST on the Liquidated Damage shall have to be borne by the Seller. Accordingly, the Liquidated Damage shall be recovered from the Seller along with applicable GST. |
| 20.0 | Performance Security clause (Clause No. 10.0 of Section-A) of "General Terms & Conditions for Global Tenders (MM/GLOBAL/01/2005)" has been amended and the new clause is detailed in the Amendment dated 25.04.2016 issued to MM/GLOBAL/01/2005. Successful bidder will be required to furnish a Performance Bank Guarantee @10% of the order value. Bidders to note the same and to confirm its acceptance in their offers. |
| | The Bank Guarantee issued by bank must be routed through SFMS platform as per following details: |
| | a. (i) "MT760/MT760 COV for issuance of bank guarantee (ii) MT767/MT767 COV for amendment of bank guarantee |
| | The above message/intimation shall be sent through SFMS by the BG issuing bank branch to Axis Bank, Duliajan Branch, IFS Code: UTIB0001129. Branch Address: Axis Bank Ltd., Duliajan Branch, Daily Bazar, Jyotinagar, Duliajan, Dist-Dibrugarh, Pin- 786602. |
| | b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee. |
| 21.0 | The items covered by this enquiry shall be used by Oil India Limited in the PEL/ML areas and hence Nil Customs Duty during import will be applicable in case of Foreign Bidders. Indigenous Bidders shall be eligible for concessional rate of GST against Essentiality Certificate for invoice valuing 10 lakh and above. |
| | In the event of an order on indigenous bidder, OIL will issue Project Authority Certificate (PAC) under Deemed Export, where import content is declared by the bidder for availing Custom Duty benefit on the import content. |
| | Supplier shall arrange to provide all necessary documents to apply for the essentiality certificate on receipt of request from OIL, if any. Further, supplier shall affect dispatch only on receipt of relevant certificates from OIL, failing which all related liabilities shall be to Supplier's account. |

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22.0 Bidders to note that Ministry of Petroleum & Natural Gas, Government of India implemented PPLC Policy to provide Purchase Preference (linked with local content) by notification no. Ref. O-27011/44/2016-ONG-II/FP dtd.25.04.2017. Bidders are requested to take note of the same and to submit their offers accordingly wherever applicable. Policy details are available in Annexure-IA

23.0 | Clauses related to GST

- 1. For the purposes of levy and imposition of GST, the expressions shall have the following meanings:
 - (a) GST means any tax imposed on the supply of goods and/or services under GST Law.
 - (b) Cess means any applicable cess, existing or future on the supply of Goods and Services as per Goods and Services Tax (Compensation to States) Act, 2017.
 - (c) GST Law means IGST Act 2017, CGST Act 2017, UTGST Act, 2017 and SGST Act, 2017and all related ancillary Rules and Notifications issued in this regard from time to time.
- 2. The rates quoted by the bidders shall be inclusive of all taxes, duties and levies. However, bidders are required to provide separately the rate and amount of all types of taxes, duties and levies. In case, the quoted information related to various taxes, duties & levies subsequently proves wrong, incorrect or misleading, OIL will have no liability to reimburse the difference in the duty/ tax, if the finally assessed amount is on the higher side and OIL will have to right to recover the difference in case the rate of duty/ taxes finally assessed is on the lower side. Further, bidders have to clearly show the amount of GST separately in the Tax Invoices. Further, it is the responsibility of the bidders to make all possible efforts to make their accounting / IT system GST compliant in order to ensure availability of Input Tax Credit (ITC) to Oil India Ltd.
- 3. Offers without giving any of the details of the taxes (Including rates and amounts) as specified above will be considered as inclusive of all taxes including GST. When a bidder mentions taxes as extra without specifying the rates & amount, the offer will be loaded with maximum value towards taxes received against the tender for comparison purposes. If the bidder emerges as lowest bidder after such loading, in the event of order on that bidder, taxes mentioned by OIL on the Purchase Order/ Contracts will be binding on the bidder.
- 4. Bidders are required to pass on the benefit arising out of introduction of GST, including seamless flow of Input Tax Credit, reduction in Tax Rate on inputs as well as final goods by way of reduction of price as contemplated in the provision relating to Anti-Profiteering Measure vide Section 171 of the CGST Act, 2017. Accordingly, for supplies made under GST, the bidders should confirm that benefit of lower costs has been passed on to OIL by way of lower prices/taxes and also provide details of the same as applicable. OIL reserves the right to examine such details about costs of inputs/input services of the bidders to ensure that the intended benefits of GST have been passed on to OIL.
- 5. Oil India Ltd. shall declare the value of free issue of materials and services, if any, involved in the execution of the contract. The Contractor should consider the same while working out the GST liability, if any. Further in cases where GST is leviable on any facilities provided by OIL and used by bidders and the consideration for which is recovered by OIL in the form of reduction in the invoice raised by bidders then OIL will raise GST invoices on such transactions and the same will be reimbursed by bidders.

6. When Input tax credit is available for Set Off

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Evaluation of L-1 prices shall be done based on Quoted price after deduction of Input Tax Credit (ITC) of GST, if available to OIL.OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders

When Input tax credit is NOT available for Set Off

Evaluation of L-1 prices shall be done based on Quoted price only. OIL shall evaluate the offers on the basis of the quoted rates only and any claim subsequently by the bidders for additional payment/liability shall not be admitted and has to be borne by the bidders

- 7. Bidders agree to do all things not limited to providing GST compliant Tax Invoices or other documentation as per GST law relating to the supply of goods and/or services covered in the instant contract like raising of and /or acceptance or rejection of credit notes / debit notes as the case may be, payment of taxes, timely filing of valid statutory Returns for the tax period on the Goods and Service Tax Network (GSTN), submission of general information as and when called for by OIL in the customized format shared by OIL in order to enable OIL to update its database etc. that may be necessary to match the invoices on GSTN common portal and enable OIL to claim input tax credit in relation to any GST payable under this Contract or in respect of any supply under this Contract.
- 8. In case Input Tax Credit of GST is denied or demand is recovered from OIL by the Central / State Authorities on account of any non-compliance by bidders, including non-payment of GST charged and recovered, the Vendor/Supplier/Contractor shall indemnify OIL in respect of all claims of tax, penalty and/or interest, loss, damages, costs, expenses and liability that may arise due to such non-compliance. OIL, at its discretion, may also withhold/recover such disputed amount from the pending payments of the bidders.

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

The bids shall broadly conform to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the items offered do not conform to required 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 and conditions, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.

A) BID REJECTION CRITERIA (BRC)

A1. TECHNICAL:

1.0 Bidder's Qualification:

The bidder shall be an Original Equipment Manufacturer of the tendered item(s), or shall be an authorized agent / dealer / distributor/supply house of an Original Equipment Manufacturer of the tendered item(s) having valid authorization letter/dealership certificate with warranty/guarantee back up from the principal (OEM). Copy of such authorization letter/ dealership certificate with warranty/guarantee back up from the principal (OEM) shall be submitted along with the technical bid.

2.0 Bidder's Experience:

i) In case the bidder is an Original Equipment Manufacturer of the tendered item(s),

The bidder shall have experience of successfully executing minimum 50% quantity (to be rounded off to next higher integer) of each tender item of same or superior model/ higher size & rating (class, WP, PSL, PR etc) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, either by themselves or through their agent/dealer/distributor/stockiest/supply house.

- ii) In case the bidder is an authorized agent /dealer /distributor /supply house,
 - a) The OEM (principal) shall fulfill the experience criteria mentioned in clause 2(i)(a) mentioned above.
 - b) Additionally, the bidder himself shall have experience of successfully executing minimum 50% quantity (to be rounded off to next higher integer) of each tendered item of same or superior model/ higher size & rating (class, WP, PSL, PR etc.) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, either from the same OEM (principal) or from any other OEM.
- iii) The bidder shall submit documents in support of their previous supply experience and of the principal (OEM), as applicable under clause Nos. 2(i)(a), 2(ii)(a) & 2(ii)(b) mentioned above as follows:
 - a) Copy(ies) of Purchase Order(s)/Contract document(s), and
 - b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s)

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- Completion report/performance certificate from the clients,
- Bill of lading,
- Delivery challan/Invoice etc.
- Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s)/contract(s) cited above.

NOTE:

- i. The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.
- ii. Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original bid closing date.
- iii. Satisfactory supply / completion / installation report should be issued on company's letterhead with signature and stamp. Originals to be produced for verification on demand of OIL.
- 3.0 Delivery: Bidder should categorically confirm in the technical bid a delivery schedule within Six (06) months, FOB Port of dispatch, after establishment of letter of credit (in case of foreign bidder) or for dispatch of the equipment within Six (06) months after receipt of formal order (in case of indigenous bidder) failing which their offer will be rejected.

A.2 FINANCIAL CRITERIA:

- 1.0 Annual Turnover: The bidder shall have an annual financial turnover of minimum US\$ 38,100.00 or Rs 24.75 Lakhs during any of the preceding 03 (three) financial years reckoned from the original bid closing date, irrespective of whether their bid is for all the tendered items or not.
- 2.0 "Net Worth" of the bidder should be positive for the financial/accounting year just preceding to the original bid closing date of the tender (i.e. FY 2017-18).
- 3.0 Considering the time required for preparation of Financial Statements, if the last date of preceding financial / accounting year falls within the preceding six months reckoned from the original bid closing date and the Financial Statements of the preceding financial / accounting year are not available with the bidder, then the financial turnover of the previous three financial / accounting years excluding the preceding financial / accounting year will be considered. In such cases, the Net worth of the previous financial / accounting year excluding the preceding financial / accounting year will be considered. However, the bidder has to submit an affidavit/undertaking certifying that 'the balance sheet/Financial Statements for the financial year 2017-18 (As the case may be) has actually not been audited so far'.

Note:

- a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the bid:
 - i) A certificate issued by a practicing Chartered/Cost Accountant (with Membership Number and Firm Registration Number), certifying the Annual turnover & Net worth as per format prescribed in **ANNEXURE IV**.

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OR

- ii) Audited Balance Sheet along with Profit & Loss account. In case of Foreign bidders, self-attested/digitally signed printed published accounts are also acceptable
- b) In case the bidder is a Central Govt. Organization/PSU/State Govt. Organization/Semi-State Govt. Organization or any other Central/State Govt. Undertaking, where the auditor is appointed only after the approval of Comptroller and Auditor General of India and the Central Government, their certificates may be accepted even though FRN is not available. However, bidder to provide documentary evidence for the same.
- 4.0 In case the Audited Balance Sheet and Profit & Loss Account submitted along with the bid are in currencies other than INR or US\$, the bidder shall have to convert the figures in equivalent INR or US\$ considering the prevailing conversion rate on the date of Balance Sheet and Profit & Loss Account. A CA certificate is to be submitted by the bidder regarding converted figures in equivalent INR or US\$.

A.3 COMMERCIAL

Commercial Bid Rejection Criteria will be as per Section D of General Terms & Conditions of Global Tender (MM/GLOBAL/E-01/2005) with following Special Bid Rejection Criteria.

1.0 FOR COMPOSITE BIDS:: Bids are invited under **Single Stage Composite Bid System**. Bidders shall quote accordingly under Single Stage Composite Bid System.

Bidder not complying with above submission procedure will be rejected.

- 2.0 The prices offered shall 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.
- 3.0 Bids received in physical form against online invitation through e-portal shall be rejected (except the documents specifically called for in hard copies, if any). Similarly, Bids received after the bid closing date and time shall be rejected. Also, modifications to bids received after the bid closing date & time shall not be considered.
- 4.0 Bids containing incorrect statement shall be rejected.
- 5.0 Validity of the bid shall be minimum 90 days from the date of actual Bid Closing Date. Bids with lesser validity will be straightway rejected.
- 6.0 **Bid Security in ORIGINAL** shall be furnished by the Bidder as a part of their Bid. The amount of Bid Security & its validity shall be specified in the covering letter of this bid document. **Any bid not accompanied by a proper bid security in ORIGINAL shall 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.
- 6.1 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) and its subsequent amendments.

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- 7.0 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 18 months from the date of shipment/dispatch or twelve (12) months from the date of receipt of the items at destination, whichever is earlier 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 at no extra cost to OIL.
- 8.0 Successful bidder shall be required to furnish a Performance Security equivalent to ten (10%) of total evaluated value of Order, which should remain valid throughout the period execution, including extension, if any. The successful bidder shall submit Performance Security within 30 days of award, failing which OIL reserves the right to cancel the order and forfeit their Bid Security. Bidders should undertake in their bids to submit Performance Security as stated above
- 9.0 Clause Deleted.
- 10.0 All the tendered items shall be evaluated individually; hence bidders are requested to quote accordingly.
- 11.0 Bidders are required to submit the summary of the prices in their price bids as per bid format (Summary), given below.
 - (i) Price Bid Format (SUMMARY) for Foreign Bidders:
 - (A) Basic Material Value (to indicate HSN code) (item wise):
 - (B) Packing & FOB charges, if any (item wise):
 - (C) FOB Value, A+B:
 - (D) Ocean Freight Charges upto Kolkata, India (item wise):
 - (E) Banking & Insurance, @1.5% of C:
 - (F) CIF Value, C+D+E:
 - (G) IGST @ 5% on F:
 - (H) Total CIF+GST Value, F+G:
 - (I) Total CIF+GST Value in words:
 - (J) Gross Weight:
 - (K) Dimensions & Gross Volume:
 - (ii) Price Bid Format (SUMMARY) for Indigenous Bidders:
 - (A) Basic Material Value (to indicate HSN code) (item wise):
 - (B) Packing & Forwarding charges, if any (item wise):
 - (C) Total Ex-Works Value, A+B:
 - (D) Applicable rate of GST on C:
 - (E) Total FOR Despatching Station Value, C+D:
 - (F) Inland Freight Charges upto Duliajan, Assam including GST (item wise):
 - (G) Transit Insurance Charges, if any including GST (item wise):
 - (H) Total FOR Duliajan Value, E+F+G:
 - (I) Total FOR Duliajan Value in words:
 - (J) Gross Weight:
 - (K) Dimensions & Gross Volume:
 - (L) Import Content, if any:
- 12.0 Bidder shall accept and comply with the following clauses as given in the Bid Document, failing which bid shall be liable for rejection:

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- i) Liquidated Damages
- ii) Warranty/Guarantee of material
- iii) Arbitration / Resolution of Dispute
- iv) Force Majeure
- v) Applicable Laws
- 13.0 A bid shall be rejected straightway if it does not conform to any one of the following clauses:
 - a) Validity of bid shorter than the validity indicated in the Tender.
 - b) Original Bid Security not received within the stipulated date & time mentioned in the Tender.
 - c) Bid Security with (i) validity shorter than the validity indicated in Tender and/or (ii) Bid Security amount lesser than the amount indicated in the Tender.

B) BID EVALUATION CRITERIA

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 General Terms and Conditions for Global Tender and the Bid Evaluation Criteria given below:

B.1 BID EVALUATION CRITERIA:

The bids conforming to the specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria shall be considered for further evaluation as per General Terms and Conditions for Global Tender and the Bid Evaluation Criteria given below:

- 1.0 The evaluation of bids shall be done as per the Price Bid Format (SUMMARY) provided in the Tender and detailed below
- 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.
 - <u>Note:</u> 1) Domestic Bidders must quote inland freight charges upto Duliajan. In case bidder fails to quote inland freight charges, highest freight quoted by domestic bidder (considering pro-rata distance) against this tender or OIL's estimated freight, whichever is higher, shall be loaded to their offer for comparison purpose.
- 2) For enquiries with duty exemption benefit The items covered under this enquiry shall be used by OIL in the PEL/ML areas issued/renewed after 01/04/99 and SDG8781P19

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hence, applicable customs duty for import of goods shall be zero(for foreign bidders only). However, IGST @5% shall be applicable. Indigenous bidder shall be eligible for concessional rate of GST @5% against Essentiality Certificate for invoice valuing 10 lakh and above.

4.1 When only foreign bidders are involved:

The Total Value of Foreign bidder as worked out as per para A.3 11.0 (i) H shall be compared

NOTE: *Banking charge in the country of the foreign bidder shall be borne by the bidder. Banking charge 1% for payment through Letter of Credit. And 1.5 % if confirmed LC at buyer's account is required.

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

The Total Value of Domestic bidder as worked out as per para A.3 11.0 (ii) H shall be compared

4.3 When both foreign and domestic bidders are involved:

The Total Value of domestic bidder as worked out as per para A.3 11.0 (ii) E above and Total Value of the foreign bidder worked out as per Para A.3 11.0 (i) H above will be compared.

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.

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CHECK LIST

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.

A) COMPLIANCE CHECK-LIST FOR SPECIAL TERMS AND CONDITIONS (FOR BOTH ITEM 10 & 20):

| | ITEM 10 & 20): | | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------------------|
| SI | | Compl | iance | Vendor's |
| no | Tender requirement | Yes | No | deviation / remarks |
| 1. | The items shall be brand new, unused & of prime quality. Bidder shall warrant (in the event of an order) that the product supplied will be free from all defects & fault in material, workmanship & manufacture and shall be in full conformity with ordered specifications. This clause shall be valid for 12 months from date of receipt at site or 18 months from the date of shipment/despatch. The defective materials, if any, rejected by us shall be replaced by the supplier at their own expense on FOR Destination basis. Bidders must confirm the same while quoting. The Pump and motor shall be unitized on a common MS skid base plate by a Pin bush type / lovejoy coupling having coupling guard and foundation bolts. | | | Terrialiks |
| 2. | The bidder must submit the following documents with the bid for technical evaluation: i) Detailed cross sectional/dimensional drawing of pump ii) Literatures, catalogues, operating manual iii) Detailed Electrical schematic and component layout Diagram of the starter panel iv) Detailed drawings of the offered FLP Motor and starter enclosure showing terminal box & cable entry arrangement with double compression cable glands | | | |
| 3. | The FLP motor, starter & FLP gland(s) must be confirming to requirements of relevant Indian standard and shall be suitable for installation in Hazardous Area Zone 1, Gas Groups IIA and IIB, of Oil Mines. These items shall be type tested and certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP & WP construction for use in above area. A copy of the valid type test certificate shall be submitted along with the bid for technical evaluation. | | | |
| 4. | Frame size & make of the offered motor should be mentioned in the offer. | | | |
| 5. | All unused cable entries holes of the starter/motor must be plugged with CIMFR/test laboratory certified FLP-WP sealing plugs. | | | |

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| 6. | Packing shall be adequate to avoid transit damage & protection against tropical rains. | | |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 7. | Bidder shall categorically mention that their offer complies with all the features mentioned in the Motor specification & all the relevant documents required as per above points are enclosed in their offer. | | |
| 8. | The bidder shall, in the event of an order, agree to submit the following documents along with supply of the unit: a. Detailed Foundation Drawing of the unit. b. Detailed Operation & Maintenance (O&M) Manual. c. Guarantee Certificate of pump, motor and starter for 12 months after date of receipt of supply. d. Valid Test certificate of pump motor, starter and glands for routine tests done at manufacturer's works. | | |
| 9. | The Bidder shall categorically confirm the detail specifications of the tender. | | |
| 10. | The bidder shall quote for recommended spares along with price, part nos. of individual items for two (02) years trouble free operation of the dozing unit. While quoting for these spares, the bidder shall take into account the consumption pattern as deemed fit. The price of these spares shall not be considered for evaluation. However, procurement of these spares shall be at the discretion of OIL. | | |
| 11. | The bidders shall also confirm availability of all the spares quoted, for a period of five (05) years from the date of supply of the dozing unit. | | |
| 12. | In the event of an order, first fill of lubricant shall be within the scope of supply of the bidder. | | |
| 13. | The Bidder to submit Technical Compliance Check List along with technical bid as per Annexure-I, Annexure-II & Annexure-III, attached. | | |
| 14. | The bidder shall categorically confirm that the pump shall be able to handle various chemicals used in E&P activity, i.e. Oil Soluble Demulsifiers, Deoilers, Pour Point Depressant (Flow Improver), Methanol etc. | | |

B) COMMERCIAL CHECK-LIST

| <u>SI#</u> | REQUIREMENT | COMPLIANCE |
|------------|----------------------------------------------------------|------------|
| | Whether bid submitted under Single Stage Composite Bid | Yes / No |
| 1.0 | System? | |
| 2.0 | Whether quoted as manufacturer? | Yes / No |
| 2.1 | Whether quoted as OEM Dealer / Supply House. To Specify- | |
| 2.2 | If quoted as OEM Dealer / Supply House | |

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| | (a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered? | |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| | (b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted? | |
| 3.0 | Whether ORIGINAL Bid Bond (not copy of Bid Bond) as per Revised Format? If YES, provide details | Yes / No |
| | (a) Amount : | |
| | (b) Name of issuing Bank : | |
| | (c) Validity of Bid Bond : | |
| 4.0 | Whether offered firm prices? | Yes / No |
| 4.1 | Whether quoted offer validity of 90 days from the bid closing date 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 |
| 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 | Yes / No |
| 6.0 | <pre>placement of order? Whether Price submitted as per Price Schedule indicated in the tender?</pre> | Yes / No |
| 7.0 | Whether quoted as per NIT (without any deviations)? | Yes / No |
| 7.0 | Whether quoted any deviation? | Yes / No |
| 7.1 | Whether deviation separately highlighted? | Yes / No |
| 8.0 | Whether indicated the country of origin for the items quoted? | Yes / No |
| 8.1 | Whether technical literature / catalogue enclosed? | Yes / No |
| 8.2 | Whether weight & volume of items offered indicated? | Yes / No |
| 9.0 | For Foreign Bidders - Whether offered FOB / FCA port of | Yes / No |
| | despatch including sea / air worthy packing & forwarding? | |
| 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 | |
| | (c) 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 |
| C07011 | - | |

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(C) TO BE FILLED UP IN DETAIL:

| SI No | Requirement | Bidder's Reply |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 01 | Bid validity | |
| 02 | Payment Terms | |
| 03 | Guarantee/Warranty Terms | |
| 04 | Delivery Period | |
| 05 | Port of Despatch / Despatching Station | |
| 08 | Confirm submission Integrity pact, if required as per NIT | Not Applicable |
| 09 | Confirm submission PBG, if required as per NIT | |
| 10 | Compliance to: a) Liquidated Damage b) Warranty/Guarantee c) Arbitration/Resolution of Dispute d) Force Majeure e) Applicable laws | |
| 11 | Confirm submission of the balance sheet/Financial Statements for the financial year 2017. If not, whether declaration as per BRC submitted. | |
| 12 | Exception/Deviations quoted, if any, to be given in details or refer to respective page of the bid documents | |
| | | Signature |

| Name | |
|-------------|--|
| Designation | |

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****** END OF ANNEXURE - III ********

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

| | RACTISING CHARTARD ACCO | UNTANTS' FIRM ON THEIR | | | | | | | |
|--------------------------------------|-------------------------------------------------------------------|--------------------------------------------------|--|--|--|--|--|--|--|
| LETTER HEAD | | | | | | | | | |
| TO WHOM IT MAY CONCERN | | | | | | | | | |
| financial statements of I | the following financial positions M/s leted accounting years upto | (Name of the bidder) for | | | | | | | |
| YEAR | TURN OVER In INR (Rs.) Crores/ US \$ Million) * | NET WORTH In INR (Rs.) Crores / US \$ Million) * | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| *Rate of | conversion (if used any): USD 1. | 00 = INR | | | | | | | |
| Place: Date: | | | | | | | | | |
| Seal | | | | | | | | | |
| Membership No: Registration Code: | | | | | | | | | |

Signature

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^{*}Applicable only for GLOBAL tenders

(TO BE FILLED IN BY BIDDER DULY SIGNED)

COMPLIANCE CHECK-LIST FOR TECHNICAL SPECIFICATION:

| SI | | Complia | nce | Vendor's |
|----|-------------------------------------------------------------------------------------------------------------|---------|-----|-----------|
| No | Tender requirement | Yes | No | deviation |
| | | . 55 | | / remarks |
| 10 | ELECTRIC MOTOR DRIVEN, SKID MOUNTED, | | | |
| | RECIPROCATING PLUNGER TYPE CHEMICAL DOSING | | | |
| | PUMP. | | | |
| | | | | |
| | Electric Motor Driven, Skid Mounted, reciprocating | | | |
| | plunger type Chemical Dozing Pump with enclosed gear | | | |
| | box, complete with variable output adjustment devices, | | | |
| | relief valves, check valves on suction as well as delivery | | | |
| | sides, strainer, base frame etc. as per the following | | | |
| | specification - | | | |
| | | | | |
| | Capacity: 0-2.5 LPH | | | |
| | Delivery Pressure-10 Kg/cm2 | | | |
| | | | | |
| | 1. Single Simplex Reciprocating Plunger type Metering | | | |
| | Pump. | | | |
| | | | | |
| | 2. The suction and delivery shall be of size ½ " each, | | | |
| | Flanged to ANSI B 16.5, Flanges of SA 105, complete | | | |
| | with companion flange, gaskets and nuts and bolts. | | | |
| | | | | |
| | 3. Capacity of the pump shall be 0-2.5 LPH against dis. | | | |
| | Pressure of 10 Kg/cm2 when run with flooded suction. | | | |
| | The pump shall have manual adjustment facility for | | | |
| | discharge rate. | | | |
| | 4. The number shall have quitable check valves at quetion | | | |
| | 4. The pump shall have suitable check valves at suction and delivery along with a strainer at suction side. | | | |
| | and derivery along with a strainer at suction side. | | | |
| | 5. The Pump shall have suitable safety valves to protect | | | |
| | it from any abnormal pressure rise in delivery. | | | |
| | it from any abnormal pressure rise in derivery. | | | |
| | 6. The Material of Construction of the pump body, | | | |
| | suction and discharge ends shall be AISI 304 Stainless | | | |
| | Steel and of gland packing shall be PTFE. | | | |
| | 2 | | | |
| | 7. The Pump shall be suitable for handling flow | | | |
| | improver of viscosity 85 cP @ 40°C. Pump shall be | | | |
| | suitable for operating temperature of range 40 - 60°C. | | | |
| | | | | |
| | B. Details of Motor: | | | |
| | | | | |
| | 1. The motor shall be 3 phase, squirrel cage, AC | | | |
| | Induction motor. The motor shall be FLAMEPROOF | | | |
| | type, suitable for installation in Zone 1 Hazardous Area, | | | |
| | Gas Group IIA and IIB of Oil Mines. The motor shall be | | | |
| | type tested and certified by Central Industrial Mining | | | |
| | and Fuel Research Institute (CIMFR), Dhanbad, or any | | | |
| | government approved NABL accredited test laboratory | | | |

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for use in hazardous area zone-1, gas group IIA & IIb.

- 2. Standards to be followed for motor: IS- 325, IS 2148, IS/IEC 60034.
- 3. The motor rating shall be minimum 10 % higher than the input shaft HP, required for running of the driven equipment at the rated continuous output.
- 4. The enclosure of the motor shall be TEFC with Degree of protection IP55.
- 5. The insulation of the motor shall be Class F/H with temperature rise limited to that of class B.
- 6. Motor shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand high voltage fluctuation.
- 7. The frequency of the motor shall be 50 Hz \pm 3%.
- 8. The motor shall be Direct Coupled with bi-directional fan at NDE.
- 9. Starting: DOL starting for motors up to 12.5 HP; Y/D for motor above 12.5 HP.
- 10. Terminal Box: Flameproof Cable termination box with brought out terminals suitable for terminating PVCA aluminium cables of proper size as per rating of motor (01 no. for DOL; 02 nos. for Y/D starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate.
- 11. Glands: Adequate nos. of FLP-WP cable glands (depending on motor rating and type of starter) shall be supplied with the motor. The glands shall be double compression type and suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. Glands shall be type tested and certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory.
- 12. Earthing: Two nos. of earthing studs to be provided on both sides of the motor. Earthing system for the motor shall be as per the IS: 3043.
- 13. Lifting Eye: One no. lifting eye hook shall be provided for lifting the motor.
- 14. Markings: Name plate details with name of manufacturer, frame size, rated voltage, output, current, frequency, type of duty, class of insulation, no. of phases, speed in rpm at rated output, degree of protection, winding connections, ambient temp, bearing sizes, lubricant, lubrication material and year of

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| manufacture CMRI certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body). | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 15. The motor shall be of Bharat Bijlee / Crompton Greaves / KEC / Siemens /NGEF /ABB / Laxmi Hydraulic / Marathon Electric make. | | |
| C. Details of Starter: | | |
| Separate Flameproof starter shall be supplied with the motor. The starter shall be suitable for self-mounting with proper supports, with provisions for grouting on floor/wall. | | |
| 1. The starter shall be suitable for 3 phase, 415 V, 50 Hz squirrel cage, AC Induction motor. | | |
| 2. The starter shall be FLAMEPROOF and WEATHERPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mine. The starter shall be certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory and approved by Director General of Mines Safety (DGMS), Govt. of India, for FLP-WP construction and use in above area. Standards: IS-13947, 2148. Enclosure: FLP with Degree of protection –IP65. | | |
| 3. Starter shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand specified voltage fluctuation. Freq.: 50 Hz \pm 3%. | | |
| 4. There shall be a power isolator built-in with the FLP enclosure for isolating the power supply to the starter. Alternately, a separate FLP-WP box with isolator, mounted with the main starter enclosure, can also be provided. However, the complete enclosure shall be type tested and certified from CIMFR or any other Govt. approved NABL accredited test laboratory for flameproof quality. | | |
| 5. The starter shall have Power contactor(s) with auxiliary contacts. The Power Contactor(s) normal current rating shall be selected for long life operation of the contactors. One bimetallic thermal overload relay with AUTO/ MANUAL reset (reset button to be mounted on door of the starter and shall be accessible from front) shall be provided for overload protection of the motor. | | |
| 6. Start/stop push button shall be provided on the front of the starter. | | |
| 7. Control circuit of the starter shall operate on 240/415v AC. | | |
| 8. In case of Y/D starter Electronic timer for Y/D delay | | |

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| 9. Make of Contactor, Relay, timer: Siemens/GE/Schneider/L& T/ABB/Indo-Asian. | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. Terminal Box: Cable termination box with brought out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (01 no. incoming; outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate. | | | |
| 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP construction and use in above area. | | | |
| 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043. | | | |
| 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body). | | | |
| 14. Make of Starter shall be FCG/Baliga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic. | | | |
| 4. SPARES: | | | |
| Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose. | | | |
| i)Teflon and gland packing for pump -02 Sets per pump. ii)O-rings and packings-02 Sets per pump. iii) Suction Strainer Filter Element : 2 nos per pump. iv) Plunger for Pump : 1 Nos per pump. v) Oil Seal Set for Pump and motor: 2 set per pump. vi) Pump Suction and Discharge Valve Assembly : 1 Set per pump. | | | |
| | Siemens/GE/Schneider/L& T/ABB/Indo-Asian. 10. Terminal Box: Cable termination box with brought out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (01 no. incoming; outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate. 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP construction and use in above area. 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043. 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body). 14. Make of Starter shall be FCG/Baliga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic. 4. SPARES: Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose. i)Teflon and gland packing for pump -02 Sets per pump. ii) O-rings and packings-02 Sets per pump. ii) Suction Strainer Filter Element: 2 nos per pump. vi) Plunger for Pump: 1 Nos per pump. vi) Plunger for Pump in Nos per pump. vi) Oil Seal Set for Pump and motor: 2 set per pump. vi) Pump Suction and Discharge Valve Assembly: 1 Set | Siemens/GE/Schneider/L& T/ABB/Indo-Asian. 10. Terminal Box: Cable termination box with brought out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (o1 no. incoming: outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate. 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP construction and use in above area. 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043. 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body). 14. Make of Starter shall be FCG/Baliga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic. 4. SPARES: Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose. i)Teflon and gland packings-02 Sets per pump. iii) Suction Strainer Filter Element: 2 nos per pump. iii) Suction Strainer Filter Element: 2 set per pump. iii) Pump Suction and Discharge Valve Assembly: 1 Set | Siemens/GE/Schneider/L® T/ABB/Indo-Asian. 10. Terminal Box: Cable termination box with brought out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (01 no. incoming: outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate. 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP construction and use in above area. 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043. 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body). 14. Make of Starter shall be FCG/Ballga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic. 4. SPARES: Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose. i)Teflon and gland packing for pump -02 Sets per pump. iii) Suction Strainer Filter Element: 2 nos per pump. iii) Suction Strainer Filter Element: 2 nos per pump. iii) Plunger for Pump: 1 Nos per pump. v) Plunger for Pump: 1 Nos per pump. v) Punger for Pump: 1 Nos per pump. |

shall be provided.

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| 20 | ELECTRIC MOTOR DRIVEN, SKID MOUNTED, RECIPROCATING PLUNGER TYPE CHEMICAL DOSING PUMP. | | |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| | Electric Motor Driven, Skid Mounted, reciprocating plunger type Chemical Dozing Pump with enclosed gear box, complete with variable output adjustment devices, relief valves, check valves on suction as well as delivery sides, strainer, base frame etc. as per the following specification - | | |
| | A. Details of Pump: | | |
| | Capacity: 0-40 LPH Delivery Pressure-10 Kg/cm2 | | |
| | 1. Single Simplex Reciprocating Plunger type Metering Pump. | | |
| | 2. The suction and delivery shall be of size ½ " each, Flanged to ANSI B 16.5, Flanges of SA 105, complete with companion flange, gaskets and nuts and bolts. | | |
| | 3. Capacity of the pump shall be 0-40 LPH against dis. Pressure of 10 Kg/cm2 when run with flooded suction. The pump shall have manual adjustment facility for discharge rate. | | |
| | 4. The pump shall have suitable check valves at suction and delivery along with a strainer at suction side. | | |
| | 5. The Pump shall have suitable safety valves to protect it from any abnormal pressure rise in delivery. | | |
| | 6. The Material of Construction of the pump body, suction and discharge ends shall be AISI 304 Stainless Steel and of gland packing shall be PTFE. | | |
| | 7. The Pump shall be suitable for handling flow improver of viscosity 85 cP @ 40°C. Pump shall be suitable for operating temperature of range 40 - 60°C. | | |
| | B. Details of Motor: | | |
| | 1. The motor shall be 3 phase, squirrel cage, AC Induction motor. The motor shall be FLAMEPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mines. The motor shall be type tested and certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for use in hazardous area zone-1, gas group IIA & IIb. | | |
| | 2. Standards to be followed for motor: IS- 325, IS – 2148, IS/IEC – 60034. | | |
| | 3. The motor rating shall be minimum 10 % higher than | | Page 32 of 38 |

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the input shaft HP, required for running of the driven equipment at the rated continuous output.

- 4. The enclosure of the motor shall be TEFC with Degree of protection IP55.
- 5. The insulation of the motor shall be Class F/H with temperature rise limited to that of class B.
- 6. Motor shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand high voltage fluctuation.
- 7. The frequency of the motor shall be 50 Hz \pm 3%.
- 8. The motor shall be Direct Coupled with bi-directional fan at NDE.
- 9. Starting: DOL starting for motors up to 12.5 HP; Y/D for motor above 12.5 HP.
- 10. Terminal Box: Flameproof Cable termination box with brought out terminals suitable for terminating PVCA aluminium cables of proper size as per rating of motor (01 no. for DOL; 02 nos. for Y/D starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate.
- 11. Glands: Adequate nos. of FLP-WP cable glands (depending on motor rating and type of starter) shall be supplied with the motor. The glands shall be double compression type and suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. Glands shall be type tested and certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory.
- 12. Earthing: Two nos. of earthing studs to be provided on both sides of the motor. Earthing system for the motor shall be as per the IS: 3043.
- 13. Lifting Eye: One no. lifting eye hook shall be provided for lifting the motor.
- 14. Markings: Name plate details with name of manufacturer, frame size, rated voltage, output, current, frequency, type of duty, class of insulation, no. of phases, speed in rpm at rated output, degree of protection, winding connections, ambient temp, bearing sizes, lubricant, lubrication material and year of manufacture CMRI certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body).

15. The motor shall be of Bharat Bijlee / Crompton

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Greaves / KEC / Siemens / NGEF / ABB / Laxmi Hydraulic / Marathon Electric make.

C. Details of Starter:

Separate Flameproof starter shall be supplied with the motor. The starter shall be suitable for self-mounting with proper supports, with provisions for grouting on floor/wall.

- 1. The starter shall be suitable for 3 phase, 415 V, 50 Hz squirrel cage, AC Induction motor.
- 2. The starter shall be FLAMEPROOF and WEATHERPROOF type, suitable for installation in Zone 1 Hazardous Area, Gas Group IIA and IIB of Oil Mine. The starter shall be certified by Central Industrial Mining and Fuel Research Institute (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory and approved by Director General of Mines Safety (DGMS), Govt. of India, for FLP-WP construction and use in above area. Standards: IS-13947, 2148. Enclosure: FLP with Degree of protection –IP65.
- 3. Starter shall be suitable for 415 \pm 6% volts, 3 Phase, 50 cycles, AC supply and should withstand specified voltage fluctuation. Freq.: 50 Hz \pm 3%.
- 4. There shall be a power isolator built-in with the FLP enclosure for isolating the power supply to the starter. Alternately, a separate FLP-WP box with isolator, mounted with the main starter enclosure, can also be provided. However, the complete enclosure shall be type tested and certified from CIMFR or any other Govt. approved NABL accredited test laboratory for flameproof quality
- 5. The starter shall have Power contactor(s) with auxiliary contacts. The Power Contactor(s) normal current rating shall be selected for long life operation of the contactors. One bimetallic thermal overload relay with AUTO/ MANUAL reset (reset button to be mounted on door of the starter and shall be accessible from front) shall be provided for overload protection of the motor.
- 6. Start/stop push button shall be provided on the front of the starter.
- 7. Control circuit of the starter shall operate on 240/415v AC.
- 8. In case of Y/D starter Electronic timer for Y/D delay shall be provided.
- 9. Make of Contactor, Relay, timer: Siemens/GE/Schneider/L& T/ABB/Indo-Asian.

10. Terminal Box: Cable termination box with brought

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| out terminals suitable for terminating PVCA aluminum/copper cables of proper size as per rating of motor (01 no. incoming; outgoing 01 no. for DOL or 02 Nos. for YD starter). Terminal shall be of brass with non-hygroscopic insulation support (FRP or DMC) suitable for tropical climate. | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 11. Glands: Adequate nos. of FLP-WP glands (depending on rating and type of starter and cable rating) shall be supplied with the starter. The FLP glands shall be double compression type suitable for installation in Hazardous Area Zone 1 and Gas Group IIA and IIB of Oil Mines. The glands shall be certified by Central Institute of Mining and Fuel Research (CIMFR), Dhanbad, or any government approved NABL accredited test laboratory for FLP construction and use in above area. | | |
| 12. Earthing: Two nos. of earthing studs to be provided on both sides of the enclosure. Earthing system for the starter shall be as per the IS: 3043. | | |
| 13. Markings: Name plate details with name of manufacturer, type, rated voltage, rated output CIMFR/other certification details, shall be engraved type on a separate metallic plate (brass/SS) and fixed on the motor body in a conspicuous place, in a permanent manner (riveted on the motor body). | | |
| 14. Make of Starter shall be FCG/Baliga/Flexpro/FEPL/ExEc/Sudhir/Laxmi Hydraulic. | | |
| 4. SPARES: | | |
| Following spares in specified quantity as indicated shall be supplied along with the supply of the units. Specific description, part numbers, Make etc. (if available) and unit price of each & every spares shall clearly to be indicated in the bid which will be considered for bid evaluation purpose. | | |
| i)Teflon and gland packing for pump -02 Sets per pump. ii)O-rings and packings-02 Sets per pump. iii) Suction Strainer Filter Element : 2 nos per pump. iv) Plunger for Pump : 1 Nos per pump. v) Oil Seal Set for Pump and motor: 2 set per pump. vi) Pump Suction and Discharge Valve Assembly : 1 Set per pump. | | |

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COMPLIANCE CHECK-LIST FOR BRC/BEC (TECHNICAL):

| COMPLIANCE CHECK-LIST FOR BRC/BEC (TECHNIC |)/ \L). | Com | pliance | Vendor's |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|-------------------------------------|------------------------|
| Tender requirement | Yes | No | Page nos. of the relevant documents | deviation / remarks |
| BRC/BEC (TECHNICAL): Notwithstanding the general conformity of the bids to the stipulated specifications, and terms & conditions, the following requirements shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected. All the documents | | | | |
| related to BRC must be submitted along with the technical bid. | | | | |
| i) The bidder shall be an Original Equipment Manufacturer of the tendered item(s), or shall be an authorised agent / dealer / distributor/supply house of an Original Equipment Manufacturer of the tendered item(s) having valid authorization letter/dealership certificate with warranty/guarantee back up from the principal (OEM). Copy of authorization letter/ dealership certificate with warranty/guarantee back up from the principal (OEM) shall be submitted along with the technical bid. | | | | |
| i) In case the bidder is an Original Equipment Manufacturer of the tendered item(s), a) The bidder shall have experience of successfully executing minimum 50% quantity (to be rounded off to next higher integer) of each tender item of same or superior model/ higher size & rating (class, WP, PSL, PR etc) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, either by themselves or through their | | | | |

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agent/dealer/distributor/stockiest/suppl y house.

- ii) In case the bidder is an authorized agent /dealer /distributor /supply house,
 - a) The OEM (principal) shall fulfill the experience criteria mentioned in clause 2(i)(a) mentioned above.
 - b) Additionally, the bidder himself shall have experience of successfully executing minimum 50% quantity (to be rounded off to next higher integer) of each tendered item of same or superior model/ higher size & rating (class, WP, PSL, PR etc.) as specified in the tender, in last 5 years preceding the original bid closing date of the tender, to any Oil & Gas Industry or service provider to an E&P company, either from the same OEM (principal) or from any other OEM.
- iii) The bidder shall submit documents in support of their previous supply experience and of the principal (OEM), as applicable under clause Nos. 2(i)(a), 2(ii)(a) & 2(ii)(b) mentioned above as follows:
 - a) Copy(ies) of Purchase Order(s)/Contract document(s), and
 - b) Any one or combination of the following documents that confirms the successful execution of each of the purchase order(s) / contract(s)
 - Completion report/performance certificate from the clients,
 - Bill of lading,
 - Delivery challan/Invoice etc.
 - Any other documentary evidence that can substantiate the successful execution of each of the Purchase Order(s)/contract(s) cited above.

NOTE:

- i. The Purchase Order date need not be within 5 (five) years preceding original bid closing date of this tender. However, the execution of supply should be within 5 (five) years preceding original bid closing date of this tender.
- ii. Original Bid Closing Date shall be considered by OIL for evaluation of BRC Criteria in case of any extension of the original

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| | bid closing date. iii. Satisfactory supply / completion / | | |
|-----|---------------------------------------------------------------------------------|--|--|
| | installation report should be issued on company's letterhead with signature and | | |
| | stamp. Originals to be produced for verification on demand of OIL. | | |
| | | | |
| 3.0 | Delivery: Bidder should categorically confirm | | |
| | in the technical bid a delivery schedule within | | |
| | Six (06) months, FOB Port of dispatch, after | | |
| | establishment of letter of credit (in case of | | |
| | foreign bidder) or for dispatch of the equipment | | |
| | within Six (06) months after receipt of formal | | |
| | order (in case of indigenous bidder) failing | | |
| | which their offer will be rejected. | | |

| ***** | END | OF | ANNEXURE | – VI | ***** |
|-------|------------|----|-----------------|-------|-------|
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