

Bid Document

| Bid Details | |
|--|---|
| Bid End Date/Time | 24-07-2020 15:00:00 |
| Bid Opening Date/Time | 24-07-2020 15:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 60 (Days) |
| Ministry/State Name | Ministry Of Petroleum And Natural Gas |
| Department Name | Na |
| Organisation Name | Oil And Natural Gas Corporation Limited |
| Office Name | Assam Mm |
| Total Quantity | 25 |
| Item Category | dewatering pumps |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Bid to RA enabled | No |
| Inspection Required | Yes |
| Inspection to be carried out by Buyers own empanelled agency | Yes |
| Type Of Inspection | Post Dispatch |
| Name of the Empanelled Inspection Agency/ Authority | Board of Officers |

EMD Detail

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| Required | No |
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ePBG Detail

| | |
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| Required | No |
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Splitting

Bid splitting not applied.

MSE Purchase Preference

| | |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

1. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

Dewatering Pumps (25 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Values | Bid Requirement (Allowed Values) |
|----------------|--|-----------------------------------|--|
| CONSTRUCTIONAL | Make of Pump | - | * |
| | Casing | Granded Cast Iron | * |
| | Impeller | Cast Iron of Grade FG200 of IS210 | Cast Iron of Grade FG200 of IS210, Stainless Steel of Grade 04 Cr13 of Is 6603, Stainless Steel of Grade 12 Cr13 of Is 6603, Stainless Steel of Grade 20 Cr13 of Is 6603 |
| | Casing and Impeller Wearing Ring If provided otherwise put NA | NA | Cast Iron of Grade FG200 of IS210, Bronze of Grade LT82 of Is 318, Brass, NA |
| | Shaft Type | Chrome Steel | Chrome Steel, Stainless Steel |
| | Gland Packing Type | Asbestors | * |
| | Blade Material | Aluminium | Aluminium, Stainless Steel |
| | Sleeve | Brass | Brass, Bronze, Stainless steel |
| | Bracket | Granded Cast Iron | Granded Cast Iron, Stainless steel, Others |

| | | |
|---|--------------------------|--|
| Suction Flange | Granded Cast Iron | Granded Cast Iron, Stainless steel, Others |
| Net Positive Suction Head (NPSH) | 8 | * |
| Volute Casing | Granded Cast Iron | * |
| Gland Packing set | Threaded Graphite Cotton | * |
| One number suitable size suction strainer and Non Return Valve to be supplied with each pump | Yes | * |
| Number of Stages | 30 | Any applicable numeric value |
| Dimension of Pump Set (L x B x H)(mm) | - | * |
| Weight of Pump Set | 32 | * |
| Minimum Submerge | 25 | * |
| Delivery Flange | Granded Cast Iron | * |
| Material of Trolley | MS fabricated | * |
| Suction and Delivery Pipe Dimensions (mm x mm) (mm x mm) | - | * |
| The engine shall be Vertical, inline, diesel engine capable of continuous operation and must be equipped with 12 volt starter and alternator, control panel, wiring harness for panel fuel pipes and suitable battery | Yes | * |
| 12 V starting system complete with starter motor, charging alternator and Cutout | Yes | * |
| Engine Make | - | * |
| Number of Cylinder | 1 | 1, 2, 3, 4 |
| Engine Capacity | 5 | 5.0 |
| Power input to pump at Duty Point (Kilowatt) | 2.8 | * |
| Diesel engine be closed coupled and mounted on a base plate robust | Yes | * |
| Material of Base Plate on which Engine is | Cast Iron | * |

| | | | |
|---------|--|------------------|---|
| | Mounted | | |
| | Make of Engine Control panel | Others | * |
| | Engine Control Panel with Following Items i Engine START switch ii Engine oil Pressure meter iii Engine Temperature meter iv Ampere Meter v Emergency Engine Stop Switch Engine oil Pressure meter Vi Engine Hour Meter Vii Fuel Indication meter Viii RPM Meter | Yes | * |
| | Safety controls to shutdown the engine in the event of low lub oil pressure or high cylinder head temperature in case of air cooled engines | Yes | * |
| | Exhaust silencer of Residential type application | Yes | * |
| | Rotation: clock wise while facing the flywheel end | Yes | * |
| | Fuel Tank Capacity for min 24 hours continous running at full load | 4 | * |
| | Temperature Rise | 35 | * |
| | Standard set of tools consisting of set of 3 spanners ,one screw driver ,one standard plier and one nose plier of appropriate engine size shall be provided to the consignee along with , free of cost for each of Pump Set | yes | * |
| | Supply of Auto prime, horizontal, end suction, centrifugal type pumping unit capable handling floating material/soft solids like wooden pieces , muddy water, etc | yes | * |
| GENERIC | Dewatering Pump set | DEWATERING PUMPS | * |

| | | | |
|--|----------------------|--|------------|
| | | Or ENGINE MONOSET PUMPS generally in compliance to IS 11501 : 1986 (REAFFIRMED 2016) Complete unit including pump & engine duly coupled along with auto prime system, fuel tank etc shall be mounted on a two wheeled trolley for easy transportability, The trolley shall be equipped with Leaf Springs for Suspension, Support for Rear end and Towing Bar, Parking Breaks etc and The trolley must have minimum ground clearance of 300 mm, below leaf spring | |
| | Type of pump | Back Pull Out | * |
| | Model Number of Pump | - | * |
| | Service/Duty | Continuous | * |
| | Location | Outdoor | * |
| | Fuel supply | Fuel Pump by Gravity Feed through Tank | * |
| | Starting | Hand Start | Hand Start |
| | PERFORMANCE | Capacity (Rate of Flow) (m³/hr) | 50 |
| | | Total Head (min) Corresponding to Capacity and Speed (metres) | 25 |
| | | Speed in RPM (rpm) | 3600 |
| | | Pump Efficiency at Duty point Corresponding to Capacity and Speed (water delivered / Pump Input) (%) | 90 |
| | | Lub Oil Consumption (g/k Wh) : (g/k Wh) | 20 |
| | | All rotating parts be dynamically balanced for longer bearing life and vibration free smooth and silent | yes |

| | | | |
|--|---|-----|-----|
| | operation | | |
| | The pump shall be capable of developing required head at rated capacity for continuous outdoor operation External conditions like Rain, Snow and humidity should not affect pumping operation | yes | * |
| | The shut off head of the pump shall not less than 12% of head at rated capacity for 3 cusec and 5 cusec pumps having 10 mtrs As duly point head | yes | * |
| | The pump should be capable of starting without external priming and should be capable of operation with least human intervention | yes | * |
| | The pump must have non-overloading characteristics and the prime mover ie engine shall not get overloaded in the entire range of operation | yes | * |
| | CERTIFICATION | | |
| | ISI marked | Yes | Yes |
| | CM/L No and date | - | * |
| | Availability of Type Test Report for conformity IS as per IS:10,001latest/IS 1117 0latest/IS:7347latest forEngines,to IS:11501 latest and IS:9137 latest for pumps and other parameters to specification from any ILAC/NABL accredited/Central Govt LAB | yes | * |
| | Test cetificate No and Date | - | * |
| | Name and address of the Lab | - | * |

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| Test report and certifications to be furnished to the buyer on demand | yes | * |
| Warranty (Years) | 1 | 1 |

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|--|----------|---------------|
| 1 | Tukheswar Buragohain | 785640,CENTRAL STORES, ONGC, SIVASAGAR | 25 | 30 |

Bid Specific Additional Terms and Conditions

- Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
 - The Seller fails to comply with any material term of the Contract.
 - The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - The Seller becomes bankrupt or goes into liquidation.
 - The Seller makes a general assignment for the benefit of creditors.
 - A receiver is appointed for any substantial property owned by the Seller.
 - The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
- The buyer organization is an institution eligible for concessional rates of GST as notified by the Government of India. The goods for which bids have been invited fall under classification of GST concession and the conditions for eligibility of concession are met by the institution. A certificate to this effect will be issued by Buyer to the Seller after award of the Contract. Sellers are requested to submit their bids after accounting for the Concessional rate of GST. Applicable Concessional rate of GST : 5%
Notification No.and date : 3/2017-INTEGRATED TAX (RATES) dated 28/06/2017
- Scope of supply (Bid price to include all cost components) : Only supply of Goods
- Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of

purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---