

Bid Document

Bid Details	
Bid End Date/Time	23-03-2022 11:00:00
Bid Opening Date/Time	23-03-2022 11:30:00
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	Oil India Limited
Organisation Name	Oil India Limited
Office Name	Oil India Limited
Total Quantity	8
Item Category	BOP Control Unit (80 Gallons) with Remote Control Panels (RCPs) (Q3)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Certificate (Requested in ATC), OEM Authorization Certificate, Additional Doc 1 (Requested in ATC), Additional Doc 2 (Requested in ATC), Additional Doc 3 (Requested in ATC), Additional Doc 4 (Requested in ATC), Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	3 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	Board of Officers
Quality Assurance Plan document	1645515971.pdf

Bid Details	
Payment Timelines	Payments shall be made to the Seller within 30 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	HDFC Bank
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	20

(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

GMFA

Oil India Limited, Duliajan, Assam 786602. Email : tuhin_roy@oilindia.in; Details of Beneficiary : OIL INDIA, Bank Name :HDFC BANK LIMITED Branch Name :Duliajan Bank Account No. :21182320000016 Type of Account :Current Account IFSC Code :HDFC0002118 MICR Code :786240302 SWIFT Code :HDFCINBBAL (Gmfa)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers

as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

2. 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% (Selected by Buyer) 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 100%(selected by Buyer) percentage of total QUANTITY.

3. Inspection of Stores by Nominated Inspection Authority / Agency of buyer or their authorized representatives

An independent third party Professional Inspection Body can help buyer in mitigating buyer's risk with pre-dispatch/post-dispatch inspection in order to ensure that equipment, components, solutions and documentation conform to contractual requirements. The buyer has a right to inspect goods in reasonable manner and within reasonable time at any reasonable place as indicated in contract. Inspection Fee/ Charges (as pre-greed between buyer and Inspection Agency) would be borne by the buyer as per their internal arrangement but may be recovered from the seller if the consignment failed to conform to contractual specification and got rejected by the Inspection Officer. If so requested and accepted by the seller, initially seller may pay for inspection charges as applicable and get the same reimbursed from buyer if consignment accepted by the Inspecting Officer. For reimbursement seller has to submit proof of payment to Inspection Agency.

Seller/OEM shall send a notice in writing / e-mail to the Inspecting officer / inspection agency specifying the place of inspection as per contract and the Inspecting officer shall on receipt of such notice notify to the seller the date and time when the stores would be inspected. The seller shall, at his own expenses, afford to the Inspecting officer, all reasonable facilities as may be necessary for satisfying himself that the stores are being and or have been manufactured in accordance with the technical particulars governing the supply. The decision of the purchaser representative /inspection authority regarding acceptance / rejection of consignment shall be final and binding on the seller.

The Seller shall provide, without any extra charge, all materials, tools, labour and assistance of every kind which the Inspecting officer may demand of him for any test, and examination, other than special or independent test, which he shall require to be made on the seller's premises and the seller shall bear and pay all costs attendant thereon.

The seller shall also provide and deliver store / sample from consignment under inspection free of charge at any such place other than his premises as the Inspecting officer may specify for acceptance tests for which seller/OEM does not have the facilities or for special/ independent tests.

In the event of rejection of stores or any part thereof by the Inspecting officer basis testing outside owing to lack of test facility at seller's premises, the seller shall, on demand, pay to the buyer the costs incurred in the inspection and/or test. Cost of test shall be assessed at the rate charged by the Laboratory to private persons for similar work.

Inspector shall have the right to put all the stores or materials forming part of the same or any part thereof to such tests as he may like fit and proper as per QAP/governing specification. The seller shall not be entitled to object on any ground whatsoever to the method of testing adopted by the Inspecting officer.

Unless otherwise provided for in the contract, the quantity of the stores or materials expended in test will be borne by seller.

Inspecting officer is the Final Authority to Certify Performance / accept the consignment. The Inspecting officer's decision as regards the rejection shall be final and binding on the seller.

The seller shall if so required at his own expense shall mark or permit the Inspecting officer to mark all the approved stores with a recognised Government or purchaser's mark.

BOP Control Unit (80 Gallons) With Remote Control Panels (RCPs) (8 pieces)

(Minimum 50% Local content required for qualifying as Class 1 Local Supplier)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	70%
Min Cost Allocation for ICT as a % of product cost	1%
Number of days allowed for ICT after site readiness communication to seller	21 Days

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	8	210

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	SCOPE View	SCOPE	BOP Control Unit (80 Gallons) With Remote Control Panels (RCPs)(8)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions

1. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

2. Generic

Buyer Organization specific Integrity Pact shall have to be complied by all bidders. Bidders shall have to upload scanned copy of signed integrity pact as per Buyer organizations policy along with bid. [Click here to view the file](#)

3. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

4. **Purchase Preference (Centre)**

Purchase Preference linked with Local Content (PP-LC) Policy:

The bid clause regarding "Preference to Make In India products" stands modified in this bid and shall be governed by the PPLC Policy No. FP-20013/2/2017-FP-PNG dated 17.11.2020 issued by MoP&NG as amended up to date. Accordingly, bidders with Local Content less than or equal to 20% will be treated as "Non Local Supplier". The prescribed LC shall be applicable on the date of Bid opening. Sanctions on the bidders for false / wrong declaration or not fulfilling the Local Content requirement shall be as per the PPLC policy. Further following additional provisions are added in the certification and verification of local content provision of the Preference to Make in India clause:

- i. In case of foreign bidder, certificate from the statutory auditor or cost auditor of their own office or subsidiary in India giving the percentage of local content is also acceptable. In case office or subsidiary in India does not exist or Indian office/subsidiary is not required to appoint statutory auditor or cost auditor, certificate from practicing cost accountant or practicing chartered accountant giving the percentage of local content is also acceptable.
- ii. Along with Each Invoice: The local content certificate (issued by statutory auditor on behalf of procuring company) shall be submitted along with each invoice raised. However, the % of local content may vary with each invoice while maintaining the overall % of local content for the total work/purchase of the pro-rata local content requirement. In case, it is not satisfied cumulatively in the invoices raised up to that stage, the supplier shall indicate how the local content requirement would be met in the subsequent stages.
- iii. The bidder shall submit an undertaking from the authorized signatory of bidder having the Power of Attorney along with the bid stating the bidder meets the mandatory minimum LC requirement and such undertaking shall become a part of the contract.

5. **Generic**

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 dated 28/06/2017

6. **Generic**

Whereever Essentiality Certificate is applicable (PEL/ML), successful bidder should provide Proforma Invoice for processeing for EC application and material should be dispatche after receiving of EC rom DGH. In view of the same, an ATC may be incorporated in GeM, viz, "BIDDER/OEM must provide Proforma Invoice for processeing for EC application within 30 days from date of issue of GeM Contract and material should be dispatche after receiving of EC rom DGH."

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the

bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

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

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

**TECHNICAL EVALUATION MATRIX
(TO BE FILLED IN BY BIDDER DULY SIGNED)**

TECHNICAL SPECIFICATIONS

Clause Number	DESCRIPTION	BIDDER'S RESPONSE (Complied / Not Complied / Deviation / Not Applicable)	TO BE FILLED BY THE BIDDER Relevant Location of their Bid to support the remarks / compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)
	<p>BOP Control Unit (80 Gallons) with Remote Control Panels (RCPs) and other accessories manufactured, tested and certified in conformance with API Spec 16 D, as per detailed specifications. Qty = 8 Nos.</p> <p>Note: Specifications & requirements of Annexure-I correspond to one (01) number BOP control unit with RCPs & accessories only.</p>		
	<u>ANNEXURE-I:</u>		
1	DETAILED SPECIFICATION OF 80 GALLON BOP CONTROL UNIT AND ACCESSORIES FOR MOBILE RIGS		
1.1	<p>ACCUMULATOR SYSTEM: ONE NUMBER</p> <p>Consisting of the following minimum features -</p> <p>(a) Eight (08) bladder type & cylindrical style accumulators each of eleven (11) gallon capacity, 3000 psi WP, without any welds, seams or joints. The accumulator shell is to be manufactured from a single piece of chrome molybdenum steel with 4:1 safety margin above maximum WP. The accumulator</p>		

	<p>assembly should be top loading designed to be pre-charged with nitrogen to 1000 +/- 100 psi, should be tested up to 4500 psi and meet USCG / API requirements and should be provided with ASME U-1A certificates. Each accumulator should be complete with an isolation valve.</p> <p>(b) Four (04) - 4.1/2" OD machined steel accumulator manifolds provided with two (02) ports each. These manifolds should be free from welds, seams or joints and meet ASME requirements for working pressure up to 5,000 psi. Each accumulator manifolds should be equipped with an isolation and bleed valve to permit isolation of approximately twenty five percentage of the accumulators for maintenance or checking pre-charge pressure while maintaining the remaining accumulated capacity in operation. Each accumulator manifold should also be provided with a 0 – 6000 psi pressure gauge.</p> <p>(c) One (01) 3500 psi Pressure relief valve set at 3,300 psi. The pressure relief valve shall prevent over pressurization of the accumulators and pump system and should be self-resetting.</p> <p>(d) One (01) 140 gallon fluid reservoir complete with baffles, 4 inches inspection ports, metal protected sight level gauges, air vent, drain and 14 inches cleanout man way. Space should also be provided for four (04) manifold valves and one (01) annular valve.</p> <p>(e) One (01) – minimum four (04) station machined unit mounted hydraulic control manifold rated at 5,000 psi WP. The machined manifold shall be free from welds, seams or joints and is to be used to supply hydraulic pressure to the hydraulic control manifold function valves.</p> <p>(f) One (01) alternate source valve with nominal bore size at least equal to the control manifold supply piping size shall be provided for supply of control (hydraulic) fluid from an alternative pump source. This valve shall be designed to be plugged when not in use.</p> <p>(g) One (01) tank fluid level indicator located in front of the reservoir.</p> <p>(h) The assembly should be complete with 1" Schedule 160 heavy duty supply pressure piping rated for 5,000 psi WP. It should be assembled on a welded structural steel heavy duty oilfield type skid with mounting</p>		
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	<p>provisions for electric pump assembly, air pump assembly, hydraulic control manifold and interface modules etc. as described in the following paragraphs of tender specifications.</p> <p>(i) Supply pressure isolation valves and bleed down valves shall be provided on each accumulator bank to facilitate checking the pre-charge pressure or draining the accumulators back to the control fluid reservoir.</p>		
1.2	<p>ELECTRIC PUMP ASSEMBLY: ONE NUMBER</p> <p>Electric motor powered triplex pump assembly should be mounted on the control unit and be used to pump system fluid stored in the reservoir at atmospheric pressure up to 3,000 psi to charge the accumulators for operating the BOP stack functions. It should consist of the following minimum features: -</p> <p>(a) One (01) - Positive displacement reciprocating triplex plunger pump with minimum 19.05 mm (3/4") plungers. The pump should be able to deliver minimum 6.50 GPM at 210.92 kg/sq cm (3,000 psi)</p> <p>(b) One (01) - Nominal ratio mechanical chain and sprocket drive assembly encased in an oil-bath type chain guard.</p> <p>(c) One (01) – Horizontal, foot mounted, minimum 15 HP, 50 Hz, 3-phase, 415 VAC explosion proof, flame proof electric motor with thermal overload protection. Make and certifications are to be indicated in the quotation.</p> <p>(d) One (01) – Explosion proof electric motor starter with Hand/Off/Auto (HOA) mode selector switch and over-current protection. Starter should be rated for a minimum of 20HP (i.e. rating of the Starter shall be 5 HP more than the Motor Rating). Make and certifications are to be indicated in the quotation.</p> <p>(e) One (01) - Explosion proof electric dual adjustment Pressure Switch set to automatically stop the pump when system pressure reaches 3,000 psi and restart the pump when system pressure drops to nominal 2,700 psi. Make, Part no. / Cat no. of the pressure switch is to be specified by the bidder in the quotation.</p> <p>(f) One (01) Flame-proof & explosion-proof Junction Box should be provided for connection of incoming, outgoing cables. Make and certifications are to be indicated in the quotation.</p>		

	(g) The assembly should be complete with 1.1/2" x 20 mesh suction strainer and 1" x 5,000 psi working pressure discharge check valve.																																										
1.2.1	<p>DETAILS OF MOTOR:</p> <p>Flame proof, squirrel cage induction motor suitable for hazardous areas of oilfields, Zone I and Gas group IIA & II B, and, conforming to IS/IEC/EN 60079-0:2011 & IS/IEC/EN 60079-1:2007.</p> <table><tr><th>Parameter</th><th>Requirement</th></tr><tr><td>Power Rating</td><td>15 HP (Minimum)</td></tr><tr><td>Voltage</td><td>415VAC</td></tr><tr><td>Frequency</td><td>50 Hz</td></tr><tr><td>Phases</td><td>3 (Three Phase)</td></tr><tr><td>Rated pf</td><td>0.8 or better</td></tr><tr><td>Insulation Class</td><td>"F" with temperature limited to Class "B"</td></tr><tr><td>Ambient Temperature</td><td>50 DegC</td></tr><tr><td>Humidity</td><td>95 %</td></tr><tr><td>Frame Size</td><td>To be specified by bidder</td></tr><tr><td>RPM</td><td>To be specified by bidder</td></tr><tr><td>Enclosure protection</td><td>IP 55 (minimum)</td></tr><tr><td>Enclosure type</td><td>Ex-d</td></tr><tr><td>Duty cycle</td><td>S1 (Continuous)</td></tr><tr><td>Cooling</td><td>TEFC (Totally Enclosed Fan Cooled)</td></tr><tr><td>Mounting</td><td>B3 (Foot mounted)</td></tr><tr><td>Rotation</td><td>Bi-directional</td></tr><tr><td>Efficiency</td><td>IE2 Class (Minimum)</td></tr><tr><td>Starting</td><td>DOL</td></tr><tr><td>Make</td><td>Kirloskar / CGL / Marathon / LHP / BB</td></tr></table>	Parameter	Requirement	Power Rating	15 HP (Minimum)	Voltage	415VAC	Frequency	50 Hz	Phases	3 (Three Phase)	Rated pf	0.8 or better	Insulation Class	"F" with temperature limited to Class "B"	Ambient Temperature	50 DegC	Humidity	95 %	Frame Size	To be specified by bidder	RPM	To be specified by bidder	Enclosure protection	IP 55 (minimum)	Enclosure type	Ex-d	Duty cycle	S1 (Continuous)	Cooling	TEFC (Totally Enclosed Fan Cooled)	Mounting	B3 (Foot mounted)	Rotation	Bi-directional	Efficiency	IE2 Class (Minimum)	Starting	DOL	Make	Kirloskar / CGL / Marathon / LHP / BB		
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1.2.2	<p>DETAILS OF STARTER:</p> <p>Flame proof (Type Ex-d) DOL starter, suitable for above motor to operate BOP Control unit in "Auto" and "local" mode. However, the minimum rating of the starter should be 20 HP (i.e. rating of the Starter shall be 5 HP more than the Motor Rating).</p> <p>The starter should contain the following features:</p> <ul style="list-style-type: none">i) Contactor for motor starting duty (DOL), rated for the motor supplied.ii) Overload Relay – with hand (Manual) reset. The manual reset function should be carried out without opening the starter cover.																																										

	<p>iii) "Hand-Off-Auto" selector switch – allows user to run the motor manually, as well as with all interlocks in place ("Auto" mode).</p> <p>iv) Start-Stop push buttons to start and stop the motor; with all interlocks in place.</p> <p>v) 415 VAC control coil in the contactor (as the system has no neutral wire).</p> <p>vi) Cable entry – Minimum 3 Nos. of ¾" ET, suitable for fixing metal cable gland.</p> <p>Bidders are required to forward details of all the components used in the starter panel, like contactor, O/L relay and other protective devices, i.e. fuses, switches, etc. with its make and rating.</p>		
1.2.3	<p>DETAILS OF JUNCTION BOX</p> <p>The Junction Box should be Flameproof (Type Ex-d, as per IS/IEC/EN 60079-0:2011 & IS/IEC/EN 60079-1:2007), with provisions of cable entry and exit through double compression cable glands.</p>		
1.2.4	<p>NOTE (for Electrical items):</p> <p>(i) Motor, Starter, Junction Box and Double Compression Cable Gland shall be of flameproof construction (Type Ex-d), suitable for use in oilfield hazardous area, Zone-I and Gas group IIA & II B and conform to IS/IEC/EN 60079-0:2011 & IS/IEC/EN 60079-1:2007</p> <p>The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.</p> <p>Copies of above certificates should be enclosed with the quotation as well as with the supply of materials.</p> <p>(ii) Certified explosion-proof double compression cable gland should be fitted with the motor, starter and junction box. Bidders should confirm this in their quotation.</p> <p>(iii) All inter-connection of cables should be done with suitably rated EPR insulated cable.</p> <p>(iv) Wiring & schematic drawing of the starter and dimensional drawing of the motor must be provided along with the offer.</p> <p>(v) Each motor, Starter & Junction boxes should be</p>		

	<p>provided with two separate body earthing points. Double earthing of motor, starter, & inter-connection between electrical equipment should be done. Bidders should confirm this in their quotation. There should also be adequate provision for connecting the BOP Control Unit skid to earth from at least two different and distinct points on the skid.</p> <p>(vi) Electrical System available at the well-site is 3 phase 3 wire, without neutral. The motor starting and running system should thus be designed for 3 phase 3 wire system, without neutral.</p> <p>(vii) Oil India Limited shall provide one power cable from the source of power through a 30 HP feeder up to the FLP Junction Box. All other cabling and control wiring is in the scope of supplier. Hence, the BOP Control Units are to be designed accordingly. Design which requires motor with power rating more than 25 HP will not be acceptable.</p> <p>(viii) MCCB of appropriate rating should be used in the FLP DOL starter instead of Fuse Switch.</p>		
1.3	<p>AIR PUMP ASSEMBLY: ONE NUMBER</p> <p>This unit shall be mounted on the BOP control unit and is to be designed such that it can be used in conjunction with the primary electric pump. It should consist of the following minimum features:</p> <p>(a) Two (02) - 8.1/2" air motor driven, 60:1 ratio plunger pumps with self-adjusting packing. This assembly should produce approximately 10 GPM at mid range pressure of 2,000 psi and 8 GPM at 3,000 psi with 125 psi air supply. The air pumps should be able to operate at a minimum supply pressure of 50 psi without stalling.</p> <p>(b) Two (02) - Hydro pneumatic pressure switches. These switches shall be connected in series with each other. One should be set at 2,900 psi to shut the air pump off at normal operating pressure and automatically restart at 2,600 psi while the other shall be set at 4,000 psi to limit the discharge pressure when operating in by-pass mode and automatically restart at 3,700 psi.</p> <p>(c) One (01) - 1/2" manually operated comb valve for by-passing the low-pressure hydro pneumatic pressure switch.</p>		

	<p>(d) One (01) - 1" air control supply manifold with 02 (two) pump shut-off valves, inlet air filters, airline lubricator, air pressure gauge and 1" NPT female customer inlet connection.</p> <p>(e) Two (02) - 20-mesh suction inlet strainers.</p> <p>(f) Two (02) - ½" x 5,000 psi working pressure discharge check valves for the two air pumps.</p>		
1.3.1	<p>NOTE:</p> <p>(i) Each pump system shall be protected from over pressurization by a minimum of two (02) devices designed to limit the pump discharge pressure.</p> <p>(ii) With the accumulators isolated from service, each pump system should have the capacity to close one annular BOP and open the HCR valve in the choke line and provide the minimum system operating pressure within two (02) minutes. The maximum closing volume of Annular BOP is taken as 10 gallons of NOV (Shaffer) 7 11/16"- 10M Annular BOP i.e. the Maximum closing volume requirement of Annular BOP in use and HCR opening volume taken as 1 gallon each.</p> <p>(iii) The combined output of both pump assembly (electric and air) shall be capable of charging the entire accumulator system from pre-charge pressure to the maximum rated control system working pressure within 15 minutes.</p>		
1.4	A PROTECTIVE STEEL COVER SHALL BE PROVIDED FOR THE PUMPS AND CONTROLS.		
1.5	<p>HYDRAULIC CONTROL MANIFOLD: ONE NUMBER</p> <p>Mounted on the BOP control unit and consisting of the following minimum features:</p> <p>(a) One (01) Air motor driven sub plate mounted, one inch ported, low dead band pressure reducing and regulating valve for controlling annular regulated pressure. The regulator should feature failsafe remote control capability through a pneumatic motor gear drive assembly and additionally should provide manual adjustment at the regulator should pilot pressure for remote control be interrupted. The said regulator should respond to pressure changes on the downstream side with sensitivity sufficient to maintain the set pressure within +/- 150 psi as per requirements of API STD53/16D. This regulator should be able to regulate the accumulator pressure to operating pressure of the annular preventer from zero to 3000 psi</p>		

	<p>and should be stainless steel fitted with 5000 psi WP rated body.</p> <p>(b) One (01) manually operated sub plate mounted, one inch ported, pressure reducing and regulating valve for controlling manifold regulated pressure to the ram type preventers and / or hydraulically actuated choke and kill line valves. This regulator should be manually adjustable and should limit the maximum outlet pressure to 1,500 psi during normal operation. The said regulator should be stainless steel fitted with 5000 psi WP rated body and should be able to regulate from 0 - 1,500 psi.</p> <p>(c) A minimum of one (01) 25 micron filter should be installed in the supply line to each hydraulic regulator.</p> <p>(d) One (01) 1 inch size, stainless steel fitted, 4-way, 3-position manually operated rotary shear seal manipulator / selector valve rated for 5,000 psi working pressure for controlling pressure to open & close the annular preventer. This valve should be isolated from the manifold valve circuit and should receive supply pressure from the annular regulator.</p> <p>(e) Minimum Four (04) 1 inch size stainless steel fitted, 4-way, 3-position manually operated rotary shear seal manipulator / selector valves rated for 5,000 psi working pressure for controlling pressure to open & close ram preventers and / or hydraulically actuated choke & kill line valves.</p> <p>(f) One (01) shear / blind ram guard mounted on the 4way valve to prevent accidental operation of the shear / blind RAM.</p> <p>(g) One (01) 1 inch size, 4-way, 2-position 5,000 psi WP, manually operated rotary shear seal bypass valve for operation of the manifold regulator by-pass function. This valve should allow selection of regulated pressure or 3,000 psi (full accumulator pressure) to the manifold valves for emergency operation of the ram type preventers.</p> <p>(h) Control valves should be labelled with the following name plates:</p> <ol style="list-style-type: none"> 1. Annular 2. Pipe Ram 3. Blind / Shear Ram 4. Choke line 		
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	<p>5. Kill line</p> <p>6. By pass valve</p> <p>(i) One (01) bolt on gauge panel assembly with glycerine filled dual scale, panel mounted, 6" face pressure gauges complete with pulsation dampeners for direct indication of: -</p> <p>i) Accumulator pressure : 0 - 6,000 psi</p> <p>ii) Manifold regulated pressure : 0 - 6,000 psi</p> <p>iii) Annular regulated pressure : 0 - 3,000 psi</p> <p>(j) One (01) - 10,000 psi working pressure manifold bleeder valve for bleeding system pressure to the reservoir when required for maintenance.</p> <p>(k) One (01) - Manifold self-resetting relief valve set at 4,500 psi.</p> <p>(l) One (01) – 1 inch shut off valve (isolation valve) for isolation of triplex pump.</p> <p>(m) One (01) ¼ inch, 4-way, 3 position valve for increase / decrease control of the annular regulator pressure rating.</p> <p>(n) Supply piping and outlet pipes to the preventers for 5000 PSI working pressure with 1 inch Fig. 602 hammer unions mounted on the ends.</p>		
1.6	<p>INTERFACE MODULE: ONE NUMBER</p> <p>This module should permit remote control of the manifold functions from minimum two remote control panels. It shall be mounted on the BOP control unit and should consist of the following minimum features:</p> <p>(a) Five (05) - 3" x 2" Air cylinders complete with mounting brackets, plumbing items and fittings installed on the 4-way rotary shear seal valves on the hydraulic manifold for remote operation of the BOP stack functions.</p> <p>(b) One (1) air cylinder complete with mounting brackets, plumbing items and fittings installed on the by-pass valve for remote operation of the manifold regulator by-pass function.</p> <p>(c) One (01) annular regulator pneumatic drive installation kit consisting of:</p> <p>i) Two (02) quick exhaust air valves</p>		

	<p>ii) One (01) Air pressure regulator with gauges</p> <p>iii) One (01) Air lubricator</p> <p>iv) One (1) manually operated air directional control valve, spring centred with air pilot operators for remote control and local increase / decrease control.</p> <p>(d) One (1) air junction box assembly to interface with the Remote Control Panel (RCP).</p> <p>(e) One (1) three (03) piece air transmitter assembly for remote indication of annular pressure, manifold pressure and accumulator pressure to the remote control panels along with shuttle valve.</p> <p>(f) Three (3) air pressure regulators to control instrument air pressure to each of the air transmitter.</p>		
1.7	SUITABLE CANOPY TOP OVER THE BOP CONTROL UNIT WITH FLANGED CONNECTIONS TO FACILITATE REMOVAL: ONE NUMBER		
2.1	<p>GRAPHIC AIR-OPERATED DRILLER REMOTE CONTROL PANEL (RCP): ONE NUMBER</p> <p>Driller Remote Control Panel with graphic illustrations of BOP stack and should consist of the following minimum features:</p> <p>(a) Minimum Five (05) 1/4" spring centred, 4-way control valves for operation of the preventers and hydraulically operated gate valves.</p> <p>(b) One (01) 1/4" spring centred 4-way control valve for remote operation of the by-pass / internal override function.</p> <p>(c) One (01) 1/4" spring centred 4-way valve with lubricator and air regulator for increase / decrease control of the annular pneumatic motor driven hydraulic regulator.</p> <p>(d) One (01) master air safety valve that should be simultaneously operated along with the operation of any of the preventers / functions.</p> <p>(e) Four (04) air operated pressure read back gauges:</p> <p>i) One (1) 0-6,000 psi "Accumulator" pressure</p> <p>ii) One (1) 0-6,000 psi "Manifold" pressure</p> <p>iii) One (1) 0-3,000 psi "Annular" pressure</p> <p>iv) One (1) 0-300 psi "Air" pressure</p> <p>(f) One (01) air junction box fixed plate mounted on the</p>		

	<p>remote panel for connection to the junction box hose plate on the air cable.</p> <p>(g) Free standing cabinet panel should be complete with lubricator and all necessary valves, fittings and connections.</p> <p>(h) Control valves should have the following name plates:</p> <ol style="list-style-type: none"> 1. Annular 2. Pipe Ram 3. Blind / Shear Ram 4. Choke line 5. Kill line 6. By pass valve. 		
2.2	<p>GRAPHIC AIR-OPERATED WEATHER PROOF TOOL PUSHER REMOTE CONTROL PANEL (RCP): ONE NUMBER</p> <p>Weather proof Tool Pusher Remote Control Panel with graphic illustrations of BOP stack and should consist of the following minimum features:</p> <p>(a) Stainless steel enclosure, weather proof design, suitable for safe area operation.</p> <p>(b) Minimum Five (05) 1/4" spring centred, 4-way control valves for operation of the preventers and hydraulically operated gate valves.</p> <p>(c) One (01) 1/4" spring centred 4-way control valve for remote operation of the by-pass / internal override function.</p> <p>(d) One (01) 1/4" spring centred 4-way valve with lubricator and air regulator for increase / decrease control of the annular pneumatic motor driven hydraulic regulator.</p> <p>(e) One (01) master air safety valve that should be simultaneously operated along with the operation of any of the preventers / functions.</p> <p>(f) Four (04) air operated pressure read back gauges:</p> <ol style="list-style-type: none"> i) One (1) 0-6,000 psi "Accumulator" pressure ii) One (1) 0-6,000 psi "Manifold" pressure iii) One (1) 0-3,000 psi "Annular" pressure iv) One (1) 0-300 psi "Air" pressure 		

	<p>(g) One (01) air junction box fixed plate mounted on the remote panel for connection to the junction box hose plate on the air cable.</p> <p>(h) Free standing cabinet panel should be complete with lubricator and all necessary valves, fittings and connections.</p> <p>(i) Control valves should have the following name plates:</p> <ol style="list-style-type: none"> 1. Annular 2. Pipe Ram 3. Blind / Shear Ram 4. Choke line 5. Kill line 6. By pass valve. 		
2.3	<p>INTER-CONNECT AIR HOSE BUNDLE ASSEMBLY: TWO (02) NUMBERS</p> <p>Each unit shall connect / interface the remote control panels to the air junction box of the interface module [item 1.6 (d)] located on the accumulator unit and shall consist of:</p> <p>(a) Two (02) air junction box hose plates (one assembled on each end of the air hose bundle).</p> <p>(b) One (01) - one hundred fifty (150) feet length of 24 line air hose bundle with each line being a 3/8" OD polyethylene air tube. All lines are to be encased in a flame resistant polyvinyl chloride sheath.</p>		
3.0	<p>PIPE RACK MODULE: FOUR NUMBERS</p> <p>Pipe rack module should be provided in 20-ft sections. Each section should consist of 10 (ten) 1" extra heavy duty schedule 160 pipe with 25.4 mm (1") hammer lug unions at each end. All pipes are to be covered with a walkway type grating. The pipe racks should be painted with primer coat and finished with acrylic enamel paint. It should include 1 (one) complete extra hammer union per pipe run.</p>		
4.0	<p>Each swivel joint module should consist of Ten (10) one inch lines with two (02) swivel joints and one (01) hammer union, for connecting the Pipe Rack Module to the Accumulator Unit. The total length of swivel joints should be 20 feet per line in open condition.</p>		
5.0	<p>FLEXIBLE STEEL HOSE FOR BOP CONTROL LINES: TEN NUMBERS</p>		

	Ten Numbers of one inch Stainless Steel Wire Braided hydraulic hoses rated to 5000 psi working pressure of 5m length conforming to SAE 100 R 13 with outside stainless steel covering having one (01) inch hammer union with male at one end & female at another end shall be provided. (Required 10 numbers each 05 meters length)		
6.0	TOOL BOX SET: ONE SET (Containing all hand tools for regular maintenance of the unit)		
	<u>ANNEXURE-II:</u> Requirement as per Annexure-II correspond to EIGHT (08) numbers of BOP control unit with Remote Control Panel.		
1.0	ACCESSORIES: (a) Charging & Gauging Assembly for pre-charging of the accumulator bottles – Four sets (b) Bladder Pull Rod – Four Numbers (For easy replacement of the separator bottle bladder) (c) Valve Core Tool –Four Numbers (For easy removal and installation of the valve cores which are included with separator type bottles) (d) Spanner Wrench – Four Numbers		
2.0	ELECTRICAL SPARES: One set of the following Electrical Spares should be supplied with each BOP-CU: (a) Flameproof Electric DOL Starter for motor, (identical to para 1.2.2 in Annexure – I), rated for 20 HP minimum, fitted with all internal components (Contactor / OLR etc.) – Qty: One Number (b) Lifting eye, for lifting the motor – Qty: One Number		
2.1	Drawings and documents: a) Electrical Circuit diagram of the Starter panel indicating make and rating of all the components. (b) Spare parts list with exploded view of each and every items including all sub-accessories and electrical components and all test certificates - QUANTITY ONE (1) SET		
3.0	EXPLOSION PROOF HYDRAULIC ELECTRIC PRESSURE SWITCH (EXTRA): TWO NUMBERS AGAINST EACH BOP CU		
4.0	OPERATIONS, MAINTENANCE, SERVICE MANUAL AND SPARE PARTS BOOK WITH EXPLODED VIEWS		

	OF EACH AND EVERY ITEM OF THE BOP CONTROL UNIT INCLUDING ALL SUB-ACCESSORIES AND ELECTRICAL COMPONENTS AND ALL TEST CERTIFICATES: THREE SETS		
4.1	<p>The data package should, as a minimum, consist of:</p> <ul style="list-style-type: none"> i) COC – Certificate of Compliance ii) COIT – Certificate of Inspection Test iii) COW – Certificate of Warranty iv) COO – Certificate of Origin v) U-1A ASME Certificates for Accumulators 		
	Bidder to confirm categorically to provide all of the above along with the supply in the technical bid.		
5.0	<p>PRE DISPATCH INSPECTION</p> <p>Pre-dispatch inspection by OIL engineers at the manufacturer's works (inclusive of electrical items) shall be carried out before effecting delivery considering the critical nature of the item. Inspection / testing charges, if any, should be quoted separately and shall be considered for evaluation of the offer. All to & fro air fares, boarding & lodging etc. of OIL Inspection Engineers shall be to OIL's account. However, all facilities for inspection / testing shall be provided by the bidder to OIL's Inspection Team. Bidders should take action and notify OIL accordingly at least 3 (three) weeks in advance. 2. OIL shall complete "Pre dispatch inspection " after receipt of intimation from vendor within 21 days.</p>		
6.0	<p>INSTALLATION, COMMISSIONING AND TESTING</p> <p>(a) Bidders should categorically confirm that the Installation & Commissioning of the BOPCU would be carried out by their competent personnel at suitable location in or around Duliajan, ASSAM, INDIA upon receipt of the unit at Duliajan.</p> <p>(b) Bidder should also categorically confirm that testing of all the items of the BOPCU will be carried out by their competent personnel at OIL's suitable location in or around Duliajan, Assam, India in the event of supply and submit a Test report to OIL within 15 days from completion of testing.</p> <p>(c) The installation and commissioning charges of the item should be separately quoted by the bidder which shall be considered for evaluation of the offers. These charges should include amongst others to and fro fares, boarding / lodging, local transport at Duliajan, to & fro transportation to site from Duliajan and other expenses</p>		

	<p>of supplier's commissioning personnel during their stay at Duliagan, Assam (India). However, the basic facilities for installation & commissioning such as Crane service, electric power, water supply, pressurized air etc shall be provided by OIL.</p> <p>d) OIL shall call the supplier for "Installation & commissioning" within 1 month of receipt of all items at site. Installation & commissioning shall be completed within 6 (six) weeks after receipt of OIL's intimation.</p>		
7.0	<p>NOTE:</p> <p>(a) The BOP Control Unit should be capable of closing each ram BOP within 30 seconds. Closing time should not exceed 30 seconds for annular BOP smaller than 18.3/4" nominal bore. Closing time for choke & kill line valves should not exceed 30 seconds. Bidder to confirm the same while quoting.</p> <p>(b) The bidders should quote and supply any other auxiliaries required to operate the BOP control unit. In case it is not specified, it will be presumed that no additional component is required. Bidders are required to confirm this while quoting.</p>		
	SPECIAL NOTES TO BIDDERS:		
1	The BOP control units shall be manufactured, tested and certified in accordance with API Spec 16D. A copy of valid API Spec 16D certificate of the manufacturer should be forwarded along with the quotation.		
2	Marking shall be done as per API specification 16D.		
3	Bidders to provide ASME Certificates for Accumulators along with the technical bid.		
4	<p>Bidder should forward technical literature, catalogue, drawings with exploded views of each & every item, and a list of recommended spares for two (02) years operation for the quoted items indicating part numbers, quantity & unit price separately along with the quotation in the commercial bid and categorically confirm the same in the technical bid (price should not be mentioned in the technical bid). However the cost of these spares will not be considered for bid evaluation purpose. The price should remain valid for at least two (02) years.</p> <p>The list of recommended spares should not be uploaded alongwith Technical bid.</p>		

5	Bidders shall confirm the name of the manufacturer and country of origin of all the offered items including electrical equipment's in their quotations.		
6	<p>All electrical equipment such as AC motor, starter, pressure switch, cables & conductor fittings, light fittings, Driller Remote Control Panel with all electrical accessories etc should be suitable for use in hazardous area of zone-I and gas group IIA & IIB in oil mine and shall conform to IS/IEC/EN: 60079-0:2011 & IS/IEC/EN: 60079-1:2007 and bidders are to confirm the same while quoting.</p> <p>The bidders shall submit test reports conforming to the above relevant standards from an Indian Government Laboratory or NABL accredited laboratory or IECEx accredited laboratory or ATEX notified body, which is not a part of manufacturer's facility.</p>		
7	All electrical cables shall conform to the provisions stipulated in line with IS-9968 read with the latest BHEL specifications (OR12003, OR12002 & OR12005) as the case may be.		
8	The BOP control units shall be supplied with a suitable canopy.		
9	Bidders shall confirm that the BOP control unit(s) with RCP(s) and accessories shall be complete in all respects and in ready to use condition.		
10	The skid shall be provided with a suitable lifting eye pads to avoid damage during lifting & transportation.		
11	All the items will be procured from the same source for compatibility.		
12	Bidder should note that in the event of an order the API licenses for manufacturing the BOP Control Units along with authorization for API monogramming should be valid, without any break, till execution of purchase order. Bidder to submit valid relevant API certificate along with the supply. Bidder should categorically confirm compliance while quoting.		

ANNEXURE - III

GENERAL NOTES TO BIDDERS			
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 order specifications. This clause shall be valid for 18 months from date of shipment/dispatch or 12 months from the date of Installation & Commissioning whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own arrangements. Bidders must confirm the same in their quotations.		
2	Bidder should indicate the name of manufacturer, country of origin and port of dispatch of the materials.		
3	Any deviation(s) from the tender specification should be clearly highlighted specifying justification in support of deviation.		
4	Bidder to sign and submit completely filled up Technical Evaluation Matrix for Bid evaluation criteria and Technical specification.		
5	Bidder to indicate the dimensions including the weight of the item.		
6	Materials must be despatched within (07) months from the date of placement of order by OIL.		

TECHNICAL EVALUATION MATRIX (TO BE FILLED IN BY BIDDER DULY SIGNED)			
BEC/ BRC			
Clause Number		BIDDER'S RESPONSE (Complied / Not Complied / Deviation/Not Applicable)	TO BE FILLED BY THE BIDDER Relevant Location of their Bid to support the remarks / compliance (Reference of Document name / Serial number / Page number of bid for documentary evidence)
I	<u>BID EVALUATION CRITERIA (BEC)/BID REJECTION CRITERIA (BRC)</u> 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.	The BOP Control Units with remote control panels (RCPs) and other accessories shall be manufactured, tested and certified in full compliance to API Spec 16D specifications.		
2.	The BOP control unit should have eight (08) numbers of eleven (11) gallon, 3000 PSI Working Pressure, bladder type & cylindrical style accumulators without any welds, seams or joints.		
3.	The BOP control unit should have a 140 gallon (min.) capacity fluid reservoir.		
4.	The BOP control unit should have a main pump driven by electrical power and an alternate pump assembly driven by rig air.		
5.	The hydraulic control manifold should have pressure reducing and regulating valves for controlling annular and manifold regulated pressures.		
6.1	Bid is invited only from Original Equipment Manufacturer (OEM) and he should have an experience of minimum 5 (five) years in manufacturing the quoted items under API Spec. 16D certification. For this purpose the period reckoned shall be the period prior to the original bid closing date of the tender. Copies of API 16D certificates for the last 5 (Five) years (continuous without having any break in between) must be submitted along with techno - commercial bid. Bid without copies of valid API 16D certificates or with a break in between will be rejected.		
6.2	The bidder (OEM) should also have the experience of successful execution of supply, installation & commissioning of at least 04 (Four) numbers of BOP Control Units (80 gallons or higher) with remote control panels (RCPs), to E&P companies / Drilling Contractors / Drilling service providers in the last 5 (five) years as on original bid closing date of the tender (either by them self or through their sole selling agent / distributor / dealer / supply house).		
6.3	Documentary evidence to substantiate supply record should be submitted in the form of copies of relevant signed Purchase Orders along with copies of any of the documents in respect of satisfactory execution of each of those Purchase Orders, such as: (i) Signed and sealed Satisfactory supply / completion report (in original on user's letter head) (OR) (ii) Bill of Lading (OR) (iii) Consignee delivery receipt / challan (OR) (iv) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat/GST (OR)		

	<p>(v) Commercial Invoice/ Payment Invoice</p> <p>Note:</p> <p>a) 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.</p> <p>b) 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.</p> <p>c) 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.</p>		
6.3.1	<p>In case, for supplementing manufacturer's supply experience criteria (6.2 & 6.3), the manufacturer submits Purchase Order(s) and relevant documents which is through their sole selling agent / distributor / dealer / supply house, then following additional documents are also to be submitted:</p> <p>a) Copies of signed Purchase Order(s) / Contract agreement(s) between the manufacturer and the sole selling agent/distributor/dealer/supply house and copies of any of the following documents in respect of satisfactory execution of each of those Purchase Order(s)/Contract agreement(s).</p> <p>i) Bill of Lading (OR)</p> <p>ii) Commercial Invoice / Payment of Invoice of the OEM (OR)</p> <p>iii) Central Excise Gate Pass/Tax Invoice issued under relevant rules of Central Excise/Vat/GST.</p>		
6.4	<p>Experience criteria as per clauses 6.2 & 6.3 shall not be applicable for manufacturers who has successfully supplied BOP Control Units (80 gallons or Higher capacity) with remote control panels (RCPs) to OIL in the last 05 (five) years as on original bid closing date of this tender, either by them self or through their sole selling agent / authorized distributor / authorized dealer / supply house and whose past performance has been satisfactory, provided they furnish a list of OIL's order(s) executed by them indicating Purchase Order numbers and quantity supplied.</p>		
6.5	<p>The bidder (OEM) shall confirm that the equipment / products will be tested and certified as per API 16D.</p>		
6.6	<p>The bidder (OEM) must keep API licenses along with authorization for API monogram valid till execution of</p>		

	purchase order and must confirm that the offered product will be supplied with API Monogram.		
6.7	In case renewal process of API license is in progress at the time of bidding, the manufacturer should furnish a letter from API to this effect that renewal of the license is under examination with API and is authorized to manufacture the items as per API license and to use API monogram till the renewal for license is issued. The bidder shall also submit an undertaking that delay in renewal of API certificate shall not affect the stipulated delivery schedule of the tender / purchase order.		
6.8	The bidder (OEM) must guarantee to provide uninterrupted supply of spares and availability of service exclusively by themselves and not through any sole selling agent / distributor / dealer / supply house for at least ten years with effect from delivery of the Item / product for the item / product to be supplied under the Tender / Order, if order is awarded to them by OIL. This is to ensure compliance of five yearly major inspections and recertification requirement of BOP Control Units as per OISD-RP-174 and OMR-2017 guidelines.		
7	The bidder should categorically confirm in the technical bid that the tendered items will be supplied within the delivery period as mentioned in the tender, without which the bid will be rejected.		
	B). BRC -FINANCIAL:		
	<p>1.0 Annual Turnover - The bidder shall have annual financial turnover of minimum INR 910.18 Lakhs during any of the preceding 3 (Three) financial/accounting years reckoned from the original bid closing date of the tender.</p> <p>2.0 "Net Worth" of the bidder must be positive for the financial/accounting year just proceeding to the original Bid Closing Date of the Tender.</p> <p>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 (ref. Proforma-6) certifying</p>		

	<p>that 'the balance sheet/Financial Statements for the preceding financial year has actually not been audited so far'.</p> <p>Note:</p> <p>a) For proof of Annual Turnover & Net worth any one of the following document must be submitted along with the technical bid:-</p> <p>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 Proforma-7. OR</p> <p>ii) Audited Balance Sheet along with Profit & Loss account.</p> <p>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.</p> <p>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\$, then 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\$.</p> <p>5.0 In case the Bidder is subsidiary company (should be 100% owned subsidiary of the parent/ultimate parent/holding company) who does not meet financial criteria by itself and submits its bid based on the strength of parent/ ultimate parent/ holding company, then following documents need to be submitted:</p> <p>i) Turnover of the parent/ ultimate parent/ holding company should be in line with Para 1.0 above.</p> <p>ii) Net Worth of the parent/ultimate parent/ holding company should be positive in line with Para 2.0 above.</p> <p>iii) Corporate Guarantee (as per Proforma-8) on parent / ultimate parent/ holding company's company letter head signed by an authorised official undertaking that they would financially support their wholly owned subsidiary company for executing the project/ job in</p>		
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	case the same is awarded to them. iv) Document of subsidiary company being 100% owned subsidiary of the parent/ ultimate parent/ holding company.		

OTHER NOTES TO BIDDERS:

1.0 The items covered in this Tender shall be used by Oil India Limited in the PEL/ML areas and hence concessional GST @5% (for indigenous bidder) will be applicable as per Govt. Policy in vogue.

2.0 Successful bidder shall arrange to provide all necessary documents (invoice etc.) to OIL for applying Essentiality Certificate atleast 1 month prior to stipulated Delivery date. Further, Successful bidder shall affect dispatch only on receipt of relevant certificates/ shipment clearance from OIL, failing which all related liabilities shall be to Supplier's account.

3.0 OIL's Reference No. PR = 1422566.

4.0 The items shall be brand new, unused & of prime quality. The manufacturer 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 18 months from date of shipment/dispatch or 12 months from the date of receipt of the items, whichever is earlier. The defective materials, if any, rejected by OIL shall be replaced by the supplier at their own expense. Bidders must confirm the same in their quotations.

5.0 Bidders shall submit their offer mentioning pointwise compliance / non-compliance to all the terms & conditions, BEC/BRC, Specifications etc. Any deviation(s) from the tender terms & conditions, BEC/BRC, Specifications etc. should be clearly highlighted specifying justification in support of deviation.

6.0 Tax Collectible at Source (TCS) applicable under the Income-tax Law and charged by the SUPPLIER shall also be payable by OIL along with consideration for procurement of goods/materials/equipment. If TCS is collected by the SUPPLIER, a TCS certificate in prescribed Form shall be issued by the SUPPLIER to OIL within the statutory time limit.

Payment towards applicable TCS u/s 206C (1H) of Income Tax Act, 1961 will be made to the supplier provided they are claiming it in their invoice and on submission of following undertaking along with the invoice stating that:

- a. TCS is applicable on supply of goods invoiced to OIL as turnover of the supplier in previous year was more than Rs. 10 Cr. and
- b. Total supply of goods to OIL in FY ... exceeds Rs. 50 Lakh and
- c. TCS as charged in the invoice has already been deposited (duly indicating the details such as challan No. and date) or would be deposited with Exchequer on or before the due date and
- d. TCS certificate as provided in the Income Tax Act will be issued to OIL in time.

However, Performance Security deposit will be released only after the TCS certificate for the amount of tax collected, is provided to OIL. Supplier will extend the performance bank guarantee (PBG), wherever required, till the receipt of TCS certificate or else the same will be forfeited to the extent of amount of TCS, if all other conditions of Purchase order are fulfilled.

The above payment condition is applicable only for release of TCS amount charged by supplier u/s 206C (1H) of Income tax Act, 1961.

A. TECHNICAL CHECKLIST

Sl. No	DESCRIPTIONS	REMARKS
1	Does the offered BOP control unit have 08 (eight) numbers of 11 (eleven) gallon capacity, 3000 psi Working Pressure (WP), bladder type & cylindrical style, designed accumulators without any welds, seams or joints?	YES / NO
2	The accumulator assembly is designed for top loading?	YES / NO
3	Is the fluid reservoir capacity of the offered BOP control unit minimum 140 gal?	YES / NO
4	Is the offered BOP control unit equipped with an electric-motor driven pump and a set of two air pumps?	YES / NO
5	Is the discharge flow of the air pumps approximately 10 GPM at 2000 psi and 08 GPM at 3000 psi with 125 psi air pressure?	YES / NO
6	Are the air pumps equipped with hydro pneumatic pressure switches?	YES / NO
7	Is the electrical pressure switch explosion proof?	YES / NO
8	Does the hydraulic control manifold have pressure reducing and regulating valves for controlling annular regulated pressure and manifold regulated pressure?	YES / NO
9	Does the hydraulic control manifold have a 1" size stainless steel fitted, 4-way, 3-position manually operated rotary shear seal 5,000 psi WP manipulator / selector valve for controlling pressure to open and close the annular preventer?	YES / NO
10	Does the hydraulic control manifold have minimum 04 (four) - 1" size stainless steel fitted, 4 way, 3 position manually operated rotary shear seal manipulator / selector valves rated for 5000 psi WP to control pressure to open and close ram preventers and / or hydraulically actuated choke and kill line valves?	YES / NO
11	Does the hydraulic control manifold have a 1" size, 4-way, 2-position 5000 psi working pressure manually operated rotary shear seal bypass valve for operation of the manifold regulator by-pass function?	YES / NO
12	Will the offered BOP control unit be equipped with two numbers of Remote Control Panels (RCP) having graphic representation of BOP stack?	YES / NO
13	Will the pipe racks be covered with grating type walk way?	YES / NO
14	Is the BOP control unit with RCPs & other accessories manufactured, tested, certified & marked in accordance with API Spec 16 D?	YES / NO
15	Will the BOP control unit be supplied complete in all respects and in ready to use condition?	YES / NO
16	Have you attached a recommended spares list for two years trouble-free operation of the BOP control unit with drawings, part names & part numbers?	YES / NO
17	Have you submitted copies of valid API Spec 16 D certificates and ASME Certificates for Accumulators?	YES / NO

18	Have you quoted for all the items?	YES / NO
19	Have you mentioned the name of the manufacturer & country of origin?	YES / NO
20	Have you agreed for pre-despatch inspection and confirmed quoting of any charges in the technical bid?	YES / NO
21	Have you agreed for Installation, Commissioning and testing of the BOPCU as per NIT and confirmed quoting of the same in the technical bid?	YES / NO
22	Any deviation from NIT?	YES / NO

B) Electrical Checklist for Motor:

SI No	PARAMETER	REQUIREMENT	BIDDER'S OFFER
1	Power Rating	15 HP (minimum)	
2	Voltage	415VAC	
3	Frequency	50 Hz	
4	Phases	3 (Three Phase)	
5	Rated pf	0.8 or better	
6	Insulation Class	"F" with temperature limited to Class "B"	
7	Ambient Temperature	50 DegC	
8	Humidity	95 %	
9	Frame Size	(Please specify frame size)	
10	RPM	(Please specify RPM of motor)	
11	Duty cycle	S1 (Continuous)	
12	Cooling	TEFC (Totally Enclosed Fan Cooled)	
13	Mounting	B3 (Foot mounted)	
14	Rotation	Bi-directional	
15	Efficiency	IE2 Class (Minimum)	
16	Starting	DOL	
17	Enclosure protection	IP 55 (minimum)	
18	Enclosure type	Ex-d	
19	Conformance to IS/IEC/EN Standards	Please mention the IS/IEC/EN standard to which the Starter & Junction box conform.	
20	Certified for Ex-d	Please mention the name of the test house	
21	Make	Please specify make of motor	
22	Cable type & Size	Please Specify cable type (e.g., PVC / XLPE / EPR) & size used	

C) Electrical Checklist for Starter and Junction Box:

SI No	PARAMETER	REQUIREMENT	BIDDER'S OFFER
1	Type	DOL	
2	Power Rating	20 HP (minimum)	
3	Coil (control) voltage of starter	415 VAC	
4	Enclosure protection	IP 55 (minimum)	
5	Enclosure type	Ex-d (Flameproof), as per IS/IEC 60079-1	
6	Conformance to IS/IEC/EN Standards	Please mention the IS/IEC/EN standard to which the Starter & Junction box conform.	
7	Certified for Ex-d	Please mention the name of the test house	

D. COMMERCIAL CHECKLIST:

SI No.	REQUIREMENT	COMPLIANCE
1.0	Whether quoted as manufacturer?	Yes / No
2.0	Whether quoted as OEM Dealer / Supply House etc. To Specify-	Yes / No
	If quoted as OEM Dealer / Supply House.	Yes / No
2.1	(a) Whether submitted valid and proper authorization letter from manufacturer confirming that bidder is their authorized Dealer / supply House for the product offered ?	
2.2	(b) Whether manufacturer's back-up Warranty/Guarantee certificate submitted?	Yes / No
2.3	Whether all documents have been submitted as required for fulfilling Experience criteria clause of BRC-Technical.	Yes / No
2.3.1	Name and details of the E&P companies/Drilling Contractors/Drilling service providers to whom the bidder has successfully executed orders / contracts for atleast 50% of the tendered quantity as per Experience criteria clause of BRC-Technical.	
2.3.2	Whether submitted the profile and other documents of the E&P companies/Drilling Contractors/Drilling service providers for verification (viz. Annual reports, Memorandum of Association, Article of Association etc.)	Yes / No
3.0	Name of Manufacturer.	
4.0	Place of Despatch.	
5.0	Local content amount and percentage. Details of locations at which the local value addition is made.	

6.0	Whether you are quoting under PP-LC or MSME policy.	
7.0	Name, Address, Phone No & E-mail id of Bidder.	
7.1	Bank details of Bidder.	

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PROFORMA – 6

FORMAT FOR CERTIFICATE OF COMPLIANCE OF FINANCIAL CRITERIA

Ref: **Clause No. B - Financial Criteria of the BEC**

Tender No.: _____

I the authorized signatory(s) of
..... (Company or firm name with address) do hereby solemnly affirm
and declare as under:-

The balance sheet/Financial Statements for the financial year _____
(as the case may be) has actually not been audited as on the Original Bid closing
Date.

Place :.....

Date :.....

Signature of the authorized signatory

Note: This certificate are to be issued only considering the time required for
preparation of Financial Statements i.e. if the last date of preceding financial /
accounting year falls within the preceding six months reckoned from the original bid
closing date.

PROFORMA - 7

CERTIFICATE OF ANNUAL TURNOVER & NET WORTH

TO BE ISSUED BY PRACTISING **CHARTARD ACCOUNTANTS' FIRM** ON THEIR LETTER HEAD

TO WHOM IT MAY CONCERN

This is to certify that the following financial positions extracted from the audited financial statements of M/s.....(Name of the bidder) for the last three (3) completed accounting years upto.....
(as the case may be) are correct

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

NOTE: As per the guidelines of ICAI, every practicing CA is required to mention Unique Document Identification Number (UDIN) against each certification work done by them. Documents certified by CA without UDIN shall not be acceptable.

PROFORMA – 8

PARENT/ ULTIMATE PARENT/ HOLDING COMPANY'S CORPORATE GUARANTEE TOWARDS FINANCIAL STANDING (Delete whichever not applicable)

(TO BE EXECUTED ON COMPANY'S LETTER HEAD)

DEED OF GUARANTEE

THIS DEED OF GUARANTEE executed at this day of by M/s(mention complete name) a company duly organized and existing under the laws of (insert jurisdiction/country), having its Registered Office atherein after called "the Guarantor" which expression shall, unless excluded by or repugnant to the subject or context thereof, be deemed to include its successors and permitted assigns.

WHEREAS M/s. Oil India Limited (hereinafter referred to as OIL) has invited offers vide their Tender No..... for.....and M/s.....(Bidder) intends to bid against the said tender and desires to have Financial support of M/s..... [Parent / Ultimate Parent/Holding Company(Delete whichever not applicable)] and whereas Parent/Ultimate Parent/Holding Company(Delete whichever not applicable) represents that they have gone through and understood the requirements of subject tender and are capable and committed to provide the Financial support as required by the bidder for qualifying and successful execution of the contract, if awarded to the bidder.

Now, it is hereby agreed by the Guarantor to give this Guarantee and undertakes as follows:

1. The Guarantor confirms that the Bidder is a 100% subsidiary of the Guarantor.
2. The Guarantor agrees and confirms to provide the Audited Annual Reports of any of the preceding 03(three) financial/accounting years reckoned from the original bid closing date.
3. The Guarantor have an annual financial turnover of minimum INR..... Cr or USD during any of the preceding 03(three) financial/ accounting years reckoned from the original bid closing date.
4. Net worth of the Guarantor is positive for preceding financial/ accounting year.
5. The Guarantor undertakes to provide financial support to the Bidder for executing the project/job, in case the same is awarded to the Bidder.
6. The Guarantor represents that:

(a) this Guarantee herein contained shall remain valid and enforceable till the satisfactory execution and completion of the work (including discharge of the warranty obligations) awarded to the Bidder.

(b) the liability of the Guarantor, under the Guarantee, is limited to the 100% of the order value between the Bidder and OIL. This will, however, be in addition to the forfeiture of the Performance Guarantee furnished by the Bidder.

(c) this Guarantee has been issued after due observance of the appropriate laws in force in India.

(d) this Guarantee shall be governed and construed in accordance with the laws in force in India and subject to the exclusive jurisdiction of the courts of New Delhi, India.

(e) this Guarantee has been given without any undue influence or coercion, and that the Guarantor has fully understood the implications of the same.

(f) the Guarantor has the legal capacity, power and authority to issue this Guarantee and that giving of this Guarantee and the performance and observations of the obligations

hereunder do not contravene any existing laws.

<div>for and on behalf of (Parent/Ultimate Parent/ Holding Company) (Delete whichever not applicable)</div> <div>Witness:</div> <div>1.</div> <div>2.</div>	<div>for and on behalf of (Bidder)</div> <div>Witness:</div> <div>1.</div> <div>2.</div>
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