



Bid Number: GEM/2021/B/1353012
Dated: 13-07-2021

Bid Document

Bid Details	
Bid End Date/Time	05-08-2021 11:00:00
Bid Opening Date/Time	05-08-2021 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	4
Item Category	Inline Auto-Sampler system set. & Laboratory Mixer with accessories
Minimum Average Annual Turnover of the Bidder	369 Lakh (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate *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
Annual Maintenance Charges Required	Yes
Time allowed for Technical Clarifications during technical evaluation	7 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Advisory Bank	AXIS BANK LTD
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	23

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

Beneficiary:

CHIEF MANAGER
Oil India Limited, OIL INDIA Limited, OIL INDIA Limited, Ministry of Petroleum and Natural Gas
(Balen Bharali)

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. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. 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.

3. 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.

Inline Auto-Sampler System Set. & Laboratory Mixer With Accessories (4 pieces)

(Minimum 50% Local content required for MII compliance)

Brand Type	Unbranded
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Technical Specifications

Buyer Specification Document	Download
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Annual Maintenance	
Warranty of required product	1 Year
Annual Maintenance Charges Duration (Post Warranty)	3 Year
Annual Maintenance Charges Frequenecy	Annually

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Lakhyajit Saikia	785699,Oil India Limited, Inside Numaligarh Refinery Complex, Ponkagrانت, P.O: NR Project	1	210
2	Diganta Kumar Gogoi	786602,PUMP STATION -1, OIL INDIA LIMITED, P.O. DULIAJAN - 786602, DIST. DIBRUGARH, ASSAM	1	210
3	Mithilesh Chandra Dev	785669,PUMP STATION-2, OIL INDIA LIMITED, MORAN, P.O. KHATKHATI, MORAN HAT DIST- CHARAIDEO	1	210
4	Geetam Barthakur	785010,OIL INDIA LIMITED, PUMP STATION-3, AT NH37 BYPASS, JORHAT, ASSAM, PO:- CHARIGAON	1	210

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
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S.No.	Document Title	Description	Applicable i.r.o. Items
1	BEC BRC View	BEC BRC	Inline Auto-Sampler System Set. & Laboratory Mixer With Accessories(4)

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 Additional Terms and Conditions

- Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
- Buyer Added text based ATC clauses

Bidders are required to upload all relevant documents as per Bid Rejection Criteria & Bid Evaluation Criteria .

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.

Additional Clause For Annual Maintenance Charges

1.AMC charges to be indicated as percentage of cost of Product/Equipment quoted for each year after the warranty period.

2. GST shall be included in the AMC Charges quoted.

3. The AMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to RA decrement rules shall be applicable on total price inclusive of AMC charges.

3.1 Buyer shall indicate number of years of warranty by selecting option of 1- 10 Years available in the field depending on warranty parameter applicable in category parameters for the equipment. The Seller while participating in Bid/RA will get fields to indicate AMC charges as percentage depending on number of years of AMC selected by Buyer. The following shall be applicable If 5 year AMC selected.

- 3.1.1 AMC charges for first year after warranty period – Percentage to be indicated- A1.
- 3.1.2 AMC charges for second year after warranty period – Percentage to be indicated A2.
- 3.1.3 AMC charges for third year after warranty period – Percentage to be indicated A3.
- 3.1.4 AMC charges for fourth year after warranty period – Percentage to be indicated A4.

3.1.5 AMC charges for 5th year after warranty period – Percentage to be indicated A5.

3.2 The calculation of AMC Charges shall take in to account of number of years of warranty and duration of AMC as specified while creating bid.

3.3 AMC charges to be indicated for each subsequent year should be same or higher than preceding year.

3.4 The AMC charges shall be offered within range of 3 to 10% of cost of equipment.

4. Since AMC charges are to be paid only later for each year during AMC period , applicable performance guarantee amount after placement of contract shall be based on the cost of product/equipment and not on basis of cost of equipment along with AMC Charges.

5. Performance bank guarantee applicable for AMC is to be submitted at start of the AMC and shall be applicable as 3% on the total contract value including AMC Charges The PBG submitted after award of contract shall be released only after new PBG for the AMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for AMC is to remain valid till completion of AMC period plus one year .The bank guarantee for AMC shall be submitted to buyer directly.

6. In case of splitting of quantity product/equipment cost and AMC charges offered by L-1 in the evaluated cost shall be matched by higher quoting eligible bidders on one to one basis .The equipment cost shall be matched and AMC charges shall be matched year to year.

7. The AMC Contract shall be an offline contract to be handled by buyer. The payment of AMC will be made on AMC frequency (as indicated above) basis after satisfactory completion of said period, duly certified by end user and scope of AMC will be as per para 1 above.

[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---



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Inline Auto-Sampler system set. & Laboratory Mixer with accessories.

Inline Auto-Sampler system set. & Laboratory Mixer with accessories.

Sl.No	Item	Quantity	UOM
10	Inline Auto-Sampler system set.	4	NO
20	Laboratory Mixer with accessories.	4	NO
30	Onsite Commissioning of Item 10 & 20 for three site	1	AU

ANNEXURE-I**TECHNICAL SPECIFICATIONS:****1.0 In-line Sampling System:-**

Design, Manufacture, Supply, Installation, Commissioning and testing of In-line Sampling System type of Auto Sampler system for collection of representative sample of crude oil for custody transfer as per technical specification mentioned below. The system shall be installed in Hazardous Zone-I, Gas Group I/IIA/IIB area and approved by CCE, India.

In-line Sampling System shall conform to the following:

- 1.1 ISO 3171 'Petroleum Liquids - Automatic Pipeline Sampling. (1988 or latest edition).
- 1.2 API Manual of Petroleum Management Standards Chapter 8 Sampling—Section 2- 'Automatic Sampling of Petroleum and Petroleum Products'.
- 1.3 ASTM D 4177-95 (latest edition), Standard practice for Automatic Sampling of Petroleum and Petroleum Product

2.0 General:

- 2.1 The In-line Sampling System shall be installed directly on the crude oil carrier pipeline.
- 2.2 Sampler shall have both the flow proportionate and time proportionate sample collection facility.
- 2.3 Probe inlet shall be designed with a droplet size/inlet ratio in accordance with **ISO 3171**.
- 2.4 The sample probe shall be used to extract 1cc “grabs” on every actuation regardless of variations in viscosity or process conditions.
- 2.5 The system shall have a flow indicator with Explosion proof (FLP) switch to provide remote indication of no- flow.
- 2.6 Sample receivers shall be housed in an enclosure with door. The receiver cabinet shall be designed to house the receivers and change over valves.
- 2.7 All Electrical components shall be enclosed in a flame proof enclosure. Necessary clearance certificate shall be obtained from **CCE /PESO** of India to install the system in **Hazardous Zone 1 area**.

3.0 Inline Sampling Systems:

The In-line Auto Sampling System shall consist of hydraulically actuated in-line sample extractor, fixed volume sample receiver with automatic changeover facility and control unit.

3.1 Sample Extractor:

Weather proof withdrawal type & to be operated in carrier pipeline as per the rheology of crude oil mentioned in pipeline/fluid parameter vide para. Sl. no-3.6 along with ancillaries. The probe head shall be located as per ASTM D4177-95 of the crude oil carrier pipeline. The sample extractor shall have the following specification:

- Fluid sample : Crude oil.
- Viscosity Range : As specified in para no-3.6 below.
- Configuration : In-line withdrawal type.
- Carrier Pipeline Size : 100 mm -200 mm NB.
- Mounting Flange : ANSI # 150 class, 80 mm (3”) RF-Flange.

- Grab size : 1 cc ± 20%
- Grab rate : 10-30 grab per minute.
- Actuator : Hydraulic.

3.2 Hydraulic Actuator unit:

The unit shall consist of hydraulic pump directly driven by FLP electrical motor connected to a hydraulic oil tank. The tank shall have the minimum features like oil filter unit with filter blockage indication, oil level indicator, drain plug, temperature indicator etc.

3-Phase, 400 VAC ± 10% and single phase 230 VAC ± 10%, 50 Hz Power supply shall be available at MCB.

- Tank capacity : As per design.
- Pump capacity : As per design.
- Pump pressure : As per design.
- Approval : CCE, India / PESO/ whichever applicable.
Classification Zone 1 IIB T4.

3.3 Controller unit (hazardous version):

A stand-alone dedicated safe-area sampler controller (FLP) shall be provided to control the sampling process. The controller shall have a display window. The sample controller shall be a proven one. Controller shall have the following specifications along with others:

- The Controller shall work based on both flow and time proportional sampling and selection of operational mode shall be done through selector switch.
- The vendor must clearly mention the make, model number and other details of the quoted controller which includes I/O counts, no of ports for hardwired connection.
- **Enclosure:** The controller enclosure must be Flame Proof with display window and shall conform to IP 67 or above. All required provision to be provided for operating in local mode e.g. local switch, mode selection switch indicating lamps etc.
- **Working Temperature:** The controller must be designed for operation in 0-65 degree centigrade and Relative Humidity of 95%.
- **Power Supply:** 230 VAC ± 10%, 50 Hz.

OIL shall provide UPS supply for controller and other electronic parts only. Laying of power cable from control room to site of auto sampler skid shall be done by OIL. The controller shall have provision for accommodating UPS supply for controller & other electronic circuits inside the enclosure. Vendor must specify UPS power requirement for the controller.

- **Protection:** The system shall have protection against lightning strike and charge transient.

➤ **Controller display:**

(a) **Local Display:** Following parameters shall be displayed:

- Grabs collected (in 'numbers')
- Collected sample volume in each receiver (in Liter)
- Grab rate (number/minute)
- Mode of operation, (Flow proportionate or Time proportionate)
- Carrier pipe flow rate. (cubic meter per hour or Kilo Liter per hour)
- Receiver Full Alarm.
- Alarm on receiver auto change over and indication.
- START/STOP. (START /STOP refers to staring /stopping operation of complete Auto Sampler system)

(b) **Remote display at control room:** Potential free contact corresponding to following shall be extended to control room through instrument cable for interfacing with SCADA system for display at control room.

- ON/ OFF status of Auto sampler.
- Mode selection
- Common alarm generated by Auto sampler system.

The controller shall drive relays to give potential free contacts to SCADA system for above.

➤ **Hardwire Signals from SCADA to controller for control operation:**

Following signals shall be provided from SCADA to controller of Auto sampler skid for control operation.

- 1) 4-20 mA (Analog Input) corresponding to flow-rate for flow proportionate sampling
- 2) ESD (Digital Input) for emergency shutdown.
- 3) "Stop" & "Start" command from SCADA system to controller

➤ **Modbus communication:**

The controller shall have provision for data transfer with SCADA system with Modbus TCP/IP protocol. Details regarding configuring IP address as per OIL's requirement and preparation of Modbus mapping shall be provided to OIL for future application.

➤ **OTHERS :**

1. The controller shall be suitable to configure
 - a) for use with single or dual receiver systems operating in single, duty/standby or infinite (continuous) modes.
 - b) for Automatic sample receiver change-over facility.
 - c) with Grab rate (min): 10-30 grab per minute with adjustable grab rate facility.
 - d) With built-in emergency stop when receivers are full and "no start" in the event of no/full receivers.
2. Controller shall have
 - a) Provision for remote start / stop option from OIL's Master Control Room & auto start and auto stop at the end of batch.
 - b) Self-diagnostics facilities.
 - c) Feature of access security with password protection

➤ **Software and Back-up program:**

The bidder must provide the entire Program Back-up file along with diagnostic tools with necessary Application Software and Operating system. This diagnostic tool shall be used for operation and maintenance of the controller and the overall system.

3.4 Sample Receiver:

- The system shall have provisions for multiple Sample Receivers.
- Shall come complete with pressure indicator, pressure relief valve / vacuum breaker.
- Sample Receivers shall have a large opening to allow easy access for cleaning.
- Shall be manufactured from hygienic stainless steel.
- Shall have stainless steel quick connect fittings to attach to laboratory mixing skid.
- Shall be light for easy handling and shall have smooth internal surface for minimal clinging.
- Each Sample Receiver shall be provided with a facility for customs seal and connections for external mixer loop, for connection to a Laboratory Mixer.

- System should have provision for online measurement of the sample mass in the sample receiver.
- Sample receiver shall be pressure tested to minimum 6 bar (min).
- Capacity- 10 liters (min) to 20 liters (max).
- Sample receiver shall weigh under the HSE limits of 25kg, when full.
- Number of sample receiver per sampler- One in-line, one Stand by. Two spares to be provided in case of any repair/ maintenance work to be performed.

3.5 Laboratory Mixture set-ups:

The laboratory mixture consists of a loop, drawing fluid from the lowest point of the sample receiver, pumping it through a static mixture and returning it to the receiver. The return fluid comprises of spray jets that sweep the wall and base to induce swirl action for the sample become homogeneous

- Driver unit : Flameproof/explosion proof single phase electrical motor.
- Pump type : Direct coupled with integral relief.
- Pump capacity : As per design.
- Pump pressure : As per design.
- Connections and hoses : As applicable

3.6 Pipeline/ Fluid Parameter:

- Pipeline Fluid : Crude Oil
- Line Size : 200 mm (8") NB dia pipeline for Numaligarh Terminal
150 mm (6") NB dia for PS3, Jorhat (F/L)
100 mm (4") NB dia. for PS2, Moran (F/L)
100 mm (4") NB dia for PS1, Duliajan (B/L)
- Wall Thickness (mm) : 7.92 mm -9.525 mm
- Pipe Orientation : Horizontal
- Flow rate Range (m³/hr) : 120-600 for Numaligarh Terminal
70-160 for PS3, Jorhat (F/L) & PS2, Moran (F/L)
55-120 for PS1, Duliajan (B/L)
- Density (kg/m³) : 875 to 890
- Viscosity (cP) : 15 @ 24°C & 32.5 @ 18°C
- Line Temperature (°C) : 8 to 50
- Operating Pressure (kg/cm²) : 1 to 12.5
- Water Content (%v/v) : 0.1 / 3.0
- Wax Content : Up to 15 % of volume
- Acceptable Pressure Drop : 0.1 kg/cm²
- Mounting Flange Class/Rating : ANSI # 150.
- Material Requirement : Carbon Steel
- Pour point : 23 °C
- Wax appearance temperature : 30 °C - 40 °C
- API loop in vertical orientation are in place with existing auto samplers.

4.0 Special Conditions for the Auto-sampler system:

- 4.1 Bidder shall quote for two years Operation & Maintenance (O&M) spares for all the set with the list of spares indicating item description, manufacturer's part number, HSN code quantity and price. The quoted price should not change for next 2 years from the date of quotation. However the cost of these spares will not be considered for bid evaluation purpose.
- 4.2 Bidder shall provide Annual Maintenance Service for 3(three) years for all units supplied through this tender ,after the expiry of warranty/guarantee period as per terms and conditions enclosed in Annexure-III and the same shall remain valid for 3 years from the date of expiry of warranty/guarantee period. The cost of the AMC for a period of 3 years shall be considered for bid evaluation purpose. OIL at its option shall issue separate contract for Annual Maintenance.
- 4.3 Two set of (hard copies) installation, operation and maintenance manual with details/guide of every individual item/ accessories and all circuit diagrams shall be supplied with every set of Sampling System. Bidder to confirm compliance of the same while quoting.
- 4.4 OEM shall carry out Operational Performance Check of Sampling Systems before despatch.
- 4.5 Power Supply: 3-Phase 400 ± 10% volts and single phase 230 volt A.C. (50 Hz) at MCB. Necessary supply, installation and laying of cable for extending the same to the controller and sampling system (about 50 metres per site from nearest available power source) shall be carried out by the selected vendor which shall include all consumables, fittings, cable gland fitting, cable termination at both ends etc.
- 4.6 Laying of cable for remote indication (about 50 metres per site) shall be the responsibility of bidder which shall include all consumables, fitting etc.
- 4.7 Bidder shall install and commission (with commissioning spare) the sets at the locations mentioned in para 5.0 below. Any piping modification at site (if required) shall be in bidder's scope including supply of materials as per specification. Necessary heating arrangement with insulation for the piping shall be made to keep flow in the pipeline of the system even in winter, when temperature falls up to 8 °C.
- 4.8 Supplier will mention minimum warranty period from the date of commissioning.
- 4.9 Bidder shall have maintenance base at India or shall have authorized maintenance agent with maintenance personnel trained by OEM.
- 4.10 Bidder shall submit product catalogue along with the bid.
- 4.11 Warranty and certificate of compliance shall be provided against every Sampling System.
- 4.12 Association of OIL's Personnel:
Company's engineers will be associated with the work throughout the installation and commissioning and the Bidder shall be responsible for installation and commissioning pertaining to the work at work sites which shall include all the related cost.
- 4.12.1 Company's personnel will Inspect the Infrastructure facility, assist during designing and Simulation-Run of the Auto sampler Systems at OEM's premises to evaluate operational safety aspects and to study the requirements with regard to Company's custody transfer system and suggest modifications if any. Bidder / Supplier shall provide necessary assistance and facilities at OEM's Manufacturing Unit / Design Centres for Two (2) Company's personnel to inspect the manufacturing facilities, during Designing and Simulation-Run of the Auto sampler Systems at OEM's premises.
- 4.12.2 Company's personnel will be associated during Operational Performance Check of the Auto Sampling Systems to be carried out by OEM. The Bidder / Supplier shall provide necessary assistance and facilities at OEM's Manufacturing Unit / Test Centres for Two

(2) Company's personnel during Operational Performance Check, Inspection, and Lab-Testing.

4.12.3 All the expenses to be incurred for the above programme of Company's personnel at the OEM's premises/Test Centre shall be borne by the OIL.

4.12.4 Bidder / Supplier shall intimate to the operating department (Oil India Ltd, Guwahati-781171, Assam, and India) 30 days in advance about readiness for Operational Performance Check. Bidder / Supplier shall not charge OIL for Inspection, Testing etc. during OIL personnel visit.

4.13 Successful bidder or his representative shall visit each location where auto samplers are to be installed prior to material despatch for assessing site requirements.

4.14 Bidder (if not an OEM) shall possess a valid authorization certificate in their name issued by OEM during entire period of the contract and AMC thereafter (if any).

4.15 During installation and commissioning job at OIL's premises OIL's safety standard shall be followed.

4.16 Successful bidder shall supply, install, commission and test auto samplers as per this tender specification at locations mentioned in para 5.0.

4.17 Bidders are advised to visit sites prior to bidding and get themselves thoroughly acquainted with site conditions.

5.0 **Summery Table of Quantity of Sampler with Delivery Locations**

In-line Sampling System, one (1) set each as per specification para 3.6, at,

- (i) Oil India Ltd, Numaligarh Terminal (inside Numaligarh Refinery), PO: NR Project. Dist: Golaghat, Assam, India. PIN: 785699.
- (ii) Oil India Ltd, Pump Station no. 3, P. O. Chengeligaon, Dist: Jorhat, State: Assam, Pin: 785010, India
- (iii) Oil India Limited, Pump Station no. 2, Moran, Dist: Sivsagar, Pin: 785669, State: Assam, India.
- (iv) Oil India Limited, Pump Station no. 1, Duliajan, Dist: Dibrugarh, Pin: 786602, State: Assam, India.

Bid Rejection Criteria & Bid Evaluation Criteria.

(I) BID REJECTION CRITERIA (BRC)

The bid must conform to the specifications and terms and conditions given in the enquiry. Bid will be rejected in case the items offered do not conform to all the required technical 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 shall have to be particularly met by the bidders, without which the offer will be considered as non-responsive and rejected.

A. Technical

1.1.1 The Bidder shall be an Original Equipment Manufacturer (OEM) having expertise in manufacturing complete Auto Sampler System.

Or

The Bidder shall be an authorized representative of Original Equipment Manufacturer (OEM). In case the bidder is an authorized representative of OEM, the following criteria shall be met by the bidder: The bidder shall furnish an Authority Certificate from the OEM confirming the bidder's status as their authorized supplier. The bidder shall enclose an Authorization Certificate with backup Warranty & Guarantee from the OEM to quote against this tender. One supplier can quote based on an authority letter from one OEM only. The bid shall be rejected in case of any change of the OEM for the aforesaid auto sampler after submission of the bid.

1.1.2 The OEM shall be a regular manufacturer of Auto Sampler Systems of same type and shall have the experience of manufacturing automatic sampling systems which comply with ISO 3171, API 8.2 and ASTM D 4177-95 (latest edition) for the last 5 (five) years preceding from the Bid Closing Date of this tender.

1.1.3 Bidder's Experience

The Bidder or its OEM {themselves or through re-seller(s)} should have *successful completion of order for crude oil Auto Sampling System to any Petroleum company in last seven (7) years preceding to Bid Closing date of this Tender.*

Order means ,

- (a) Supply of Auto sampling system comprising of at least sample extractor unit, actuator unit and controller unit directly or through a third party in a single order.
- and
- (b) Installation or upgradation and commissioning of sample extractor unit, actuator unit and controller unit by the bidder or their authorized representative in a single order.

The bidder shall submit details of previous supply of such equipment in a tabular format as shown below:

Sl. No.	Client / Customer Name & Address with Contact –E-Mail	Order No. / Contract No.	Date of Order	Spec. Make, Model and Type of sampling	Completion Date	Supporting Documents Enclosed
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				system & Qty. Supplied		
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ANNEXURE-III

ANNUAL MAINTENANCE SERVICE

Note:

Supporting Documents:

- a) In support of experience as noted above the bidder shall submit the following document,
 - i) Copy of the Purchase Order showing equipment details, Date of order, Delivery Date etc.
 - ii) Commissioning report from the clients showing order number and equipment details.
 - iii) Performance report from the clients.
 - b) Possession of an order without complete execution or partially completed order will not be considered as previous experience of the bidder with respect to the Bidder's Experience criteria.
 - c) Documents in compliance of ISO 3171 , API 8.2 and ASTM D 4177-95 (latest edition) as mentioned in A1.1.2 above.
 - d) Authorization certificate (in original) from the OEM valid for entire period of the contract shall be enclosed in case bidder is not an OEM.
- 1.1.4 Bidder shall provide evidence that they have a track record of proving the performance of the above system in accordance with the ISO3171/API 8.2 standards. Bidder shall submit copies of field proving certificates for the system design offered, in accordance with the referenced standards, demonstrating that the type of sampler offered meets with the accuracy stated in the technical specification.
- 1.1.5 Maintenance:
Both preventive and breakdown maintenance of the equipment may be executed by OEM and the bidder may engage service provider. Bidder shall submit Memorandum of Understanding (MOU) between OEM and service provider conforming back up by OEM for all technical supports like servicing, supply of spare for 10 years beyond warranty period.
- 1.1.6 Bidder shall submit an undertaking (from OEM in case the bidder is a supplier) that the equipment to be supplied are not going to be obsolete for the next 10 years from the date of BCD and provisioning of spares will be continued.
- 1.1.7 Bidder shall have authorized service centre(s) of the equipment in India. Service centre(s) to have properly trained service engineer(s) by OEM of the equipment. Documentary evidence to be submitted by the bidder in this regard and credential of the service engineer(s) to be furnished.
- 1.1.8 Bidder must provide all the documents as mentioned above and mentioned in the specifications. Requisite explosion proof and IP certificate for placing the sampler in Zone-I region of hazardous field areas shall be provided from an authorized agency like CMRI/CCE of India.

However, in case bidder fails to obtain requisite certificates/documents from CCE of India at the time bid submission, bidder shall submit an undertaking to submit the same before despatch.

1.1.9 All other financial & commercial clauses will be as per GeM standard.

- 1.0 **Scope** of this document is to specify the requirement of Annual Maintenance Services for maintaining Auto sampler system. The AMC support is also inclusive of spares planning, supply & all other associated services required for scheduled as well as breakdown maintenance during the contract period.
- 2.0 The duration of the service offered through this proposal will be for a minimum period of 3 years after successful completion of warrantee period of the respective auto sampler packages including laboratory mixer system as being procured through this enquiry.
However, the AMC can further be extended on mutually agreed terms & conditions between owner and vendor or their authorized service agency. Owner would avail such facility at their sole discretion.
- 3.0 **Bidder's Responsibility**
- 3.1 The services envisaged from bidder through this AMC envisages scheduled and on demand visit of service engineer/ skilled technician. Maintenance personnel shall carry all required diagnosis tools/ instruments and carryout periodic recoding of performance data of each package for predictive maintenance requirement.
- 3.2 While on site, maintenance personnel shall carry out fault identification of the problem, rectification of fault, repair/ replacement of faulty parts etc., analysing the cause of problem and suggesting appropriate measures, for avoiding recurrence of such problems in future. Once suggested measures are approved by the owner, implement the same.
- 3.3 All such events shall be logged properly and records maintained in log register as back up to the computerized historical data. Equipment wise chronological maintenance record shall be maintained.
- 3.4 Bidder shall do the assessment of spare parts and consumable requirements, a year in advance, for all types of maintenance need of the package. List so generated by the bidder shall timely be handed over to the Owner.
- 3.5 The AMC services provided by the bidder shall be through maintenance engineers supported by skilled technicians & helpers. All the deployed contractor personnel shall be always in identifiable prescribed uniform and necessary safety equipment.
- 3.6 The scope includes the following but not limited to:
 - 3.6.1 Predictive, preventive, scheduled and major maintenance
 - 3.6.2 Unplanned Breakdown Maintenance
 - 3.6.3 Year to year assessment of spares/ consumable requirement
 - 3.6.4 Preparing and submitting the detail report after each maintenance
- 3.7 The bidder will coordinate with all the OEMs of the installed systems/ subsystems of auto sampler packages for resolving any technical issues and also to ensure uninterrupted supply of spare/services etc.
- 3.8 Bidder will have to arrange specialised maintenance tools for the use by his maintenance personnel. These tools shall be carried by the bidder personnel while reporting for maintenance.
- 3.9 Bidder shall perform the work in accordance with good and safe practices prevailing in the industry taking precautions necessary to protect the equipment, contractor's personnel, Owner and their employees and any third party at the site, and shall comply with all safety requirements as notified to bidder by Owner in writing.

4.0 Owner's Responsibility:

Owner's responsibility shall include the following:

- 4.1.1 Permit use of workshop facility at plant site
- 4.1.2 Permit use of cranes and other lifting equipment at plant site subject to standard procedures of Owner
- 4.1.3 Statutory inspections, if any, of relevant equipment
- 4.1.4 Office facility at site for planned/ unplanned maintenance covered under AMC
- 4.1.5 Fire fighting facility
- 4.1.6 Site security
- 4.1.7 Operate the auto sampler packages according to OEM operating instructions/ prudent industry practices and in accordance with the O&M manuals.
- 4.1.8 Provide contractor access to the plant and the covered equipment to perform outage work
- 4.1.9 Supply required utilities and services for use of contractor
- 4.1.10 Grant all necessary work permits
- 4.1.11 Make available special tools supplied along with auto sampler packages
- 4.1.12 Provide a representative with authority to speak on behalf of the owner

5.0 Items covered under AMC

The scope of annual maintenance of the bidder includes the three (3) set of auto sampler systems supplied against this purchase requisition. Each set of auto sampler system comprises of an In-line auto sampler with hydraulic power pack, controller unit, sample receiver and a laboratory mixer.

6.0 Schedule of visits for maintenance

Bidder shall provide planned preventive and major maintenance visits as per the schedule provided by them in their offer for AMC.

7.0 Deployment of manpower at site for unplanned breakdown maintenance

In addition to above scheduled visits, the bidder shall deploy adequate number of trained and skilled manpower on per diem rate basis to carry out the breakdown maintenance as and when required. The bidder shall ensure that the above manpower is mobilized to site immediately upon receipt of such call from OIL. Bidder shall ensure that adequately qualified and relevantly trained manpower having experience for all the items of the auto sampler packages shall be deployed on the site.

8.0 Maintenance Procedure/ Requirements

The maintenance engineer will carry out preventive maintenance, as per OEM recommendation and also based on bidder's past experience, with required man- power & tools. The standard preventive maintenance schedule for the above shall be submitted by the bidder and approved by OIL before the commencement of the contract.

The bidder shall carry out unlimited emergency breakdown services as demanded by OIL. There shall be no restriction on number of breakdown maintenance per month/ year.

After all planned preventive/ major maintenance and breakdown maintenance of auto sampler packages, the service engineer of the bidder shall submit the detailed report on the repair carried out on the system/ equipment. The engineer shall give details of the repaired/ replaced equipment along with fault analysis for making the history sheets of faults/ problems of each equipment. OIL would also like to know the reasons of failure and remedial actions taken by the bidder to avoid such problem in future.

9.0 Spares & consumables

Bidder shall regularly provide their recommendation for the spares and the consumables required, to meet day to day, planned, preventive and major and any unforeseen breakdown maintenance. The recommendation on spares shall include all required mechanical, Electrical & instrumentation spares, interconnecting cables, Software CD etc. at site. Bidder shall be responsible for strategy to meet the requirement of spares & to ensure timely availability of spares for maintenance before taking over the system for maintenance. Bidder shall submit a list of recommended spares along with price which shall be valid for entire duration of the AMC.

10.0 Coordinator

The bidder shall designate an AMC coordinator who shall be a single point of contact for total services envisaged under this document. The details including contact information of the coordinator shall be informed to OIL well in advance and time to time, if there is any change. The AMC coordinator shall report to designated representatives of OIL for further directions.

11.0 Schedule of prices

Bidder to quote price for the AMC as per below mentioned table against Line item 1 ,2 and 3 respectively. The quoted price shall be valid for 3 years after expiry of successful warranty/ guarantee period as per the table below.

Sl. No.	Description	Unit	Quantity.
1	Scheduled Annual Maintenance service of auto sampler. (Total 4 numbers of auto sampler X 3 years = 12 no, rate is per auto sampler per year)	No.	12
2	Fixed charges for emergency visit(s)	No.	6
3	Additional man day service charge if work goes beyond 3 working days.	Man day	15