

### Bid Document

Bid Details	
Bid End Date/Time	24-02-2021 11:00:00
Bid Opening Date/Time	24-02-2021 11:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (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	2
Item Category	Gas Chromatography
Bidder Turnover (Last 3 Years)	45 Lakh (s)
Experience Criteria	3 Year (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,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC) *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
Past Performance	50 %
Bid to RA enabled	No
Time allowed for Technical Clarifications during technical evaluation	5 Days
Inspection Required	No
Estimated Bid Value	9017180
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
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(a). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

#### Beneficiary:

GENERAL MANAGER MATERIALS

GENERAL MANAGER MATERIALS Oil India Limited, OIL INDIA Limited, OIL INDIA Limited, Ministry of Petroleum and Natural Gas GM -MATERIALS, OIL INDIA LIMITED DULIAJAN, PIN 786602. The Bank Guarantee issued by the Bank must be routed through SFMS platform as per following details: (i) MT 760 / MT 760 COV for issuance of Bank Guarantee (ii) MT 760 / MT 767 COV for amendment of Bank Guarantee The above message / intimation shall be sent through SFMS by the BG issuing Bank branch to HDFC Bank, Duliajan Branch, IFS Code – HDFC0002118; SWIFT Code - HDFCINBBCAL. Branch Address: HDFC Bank Limited, Duliajan Branch, Utopia Complex, BOC Gate, Jayanagar, Duliajan, Dibrugarh, PIN – 786602. b. The vendor shall submit to OIL the copy of the SFMS message as sent by the issuing bank branch along with the original bank guarantee. Oil India Limited, OIL INDIA Limited, OIL INDIA Limited, Ministry of Petroleum and Natural Gas (Binita Deka Borah)

#### Splitting

Bid splitting not applied.

#### MSE Purchase Preference

MSE Purchase Preference	Yes
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1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

### Gas Chromatography ( 2 pieces )

#### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GAS CHROMATOGRAPH	"GC Detectors inclusive in the scope of supply (Select Only	Flame Ionization Detector (FID)

(GC) CONFIGURATION	those Detectors, which are part of supply)"	
	"Number of FID in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	2
	"Number of TCD in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	0
	"Number of ECD in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	0
	"Number of NPD/FTD in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	0
	"Number of FPD in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	0
	"Number of PID in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	0
	"Number of PFPD in the System - inclusive in the scope of Supply (Select '0' if this Detector is not a part of supply)"	0
	Number of Inlets GC can Simultaneously Support	2
	Number of Detectors (Ports) GC can Simultaneously Support	3
	Number of Capillary Columns provided in GC - inclusive in the scope of Supply	1
	Type of Capillary Column	Polar, Non-Polar, Semi-Polar, NA
	"GC Capillary Column Length (Hint:-Select '0' if Not Applicable)"	30.0
	"GC Capillary Column Internal Diameter (Hint:-Select '0' if Not Applicable)"	0.25
	"GC Capillary Column Film Thickness (Hint:-Select '0' if Not Applicable)"	0.25
	"Number of Packed Columns provided in GC - inclusive in the scope of Supply (Hint:-Select '0' if Not	0

	<b>Applicable)"</b>	
	<b>"GC Packed Column Length (Hint:-Select '0' if Not Applicable)"</b>	0.0
	"GC Packed Column Internal Diameter (Hint:-Select '0' if Not Applicable)"	0
PERFORMANCE	<b>"GC Detector Minimum Detection Level (MDL) "</b>	< 1.4 pg C/s for FID
	GC Detector Linear Dynamic Range ( $\pm 10\%$ )	$\geq 10^7$ for FID
	GC Detector Data acquisition rate	50 Hz or more
COLUMN OVEN (GAS CHROMATOGRAPH - GC)	<b>Maximum Operating Temperature (GC Oven)</b>	upto 400 deg. C, upto 450 deg. C (2) Or higher
	Oven cool down time from Max operating temperature to 50 Deg c	3.5 Or lower
	<b>Number of Oven Ramps / Plateaus for Temperature programming</b>	6/7 or more
	<b>Temperature Ramp Rate - Maximum</b>	120 Deg. C/minute or better
	Retention time repeatability	0.01
	Temperature set point resolution ( $\pm$ )	0.1
PNEUMATIC CONTROL	"Type of Inlet Pneumatics (Select applicable parameters only)"	Electronic Pneumatic Control (EPC), Advanced Flow Controller (AFC)
	<b>Number of Injection Ports</b>	1, 2
	<b>Maximum Injection Port heating Temperature</b>	upto 400 deg. C (1), upto 450 deg. C (2) Or higher
	<b>Pressure Range</b>	upto 120 psi (2) Or higher
	<b>Pressure set point Resolution (<math>\pm</math>)(psi)</b>	0.001, 0.01, 0.1 Or lower
	<b>Type of Sample Injection Port</b>	split / Splitless
	<b>Split Ratio</b>	7500:1
AUTO INJECTOR / AUTO SAMPLER	Modes of Operation	Constant flow, Constant Pressure, Programmable Flow, Programmable Pressure
	<b>Compatible Liquid Auto Sampler - inclusive in the scope of supply</b>	Yes, No
	<b>Capacity of the Liquid Auto Sampler (Number of Vials)</b>	0, 15, 100, 150 Or higher
	<b>Number of Injection Ports in the Liquid Auto Sampler</b>	0, 1, 2
	<b>Number of Channels in the Liquid Auto Sampler</b>	0, 2
	<b>Minimum Volume of the injected liquid sample</b>	0 - 1
	<b>Maximum Volume of the injected liquid sample</b>	0 - 100
	<b>"Liquid Auto Sampler Features (Select applicable features</b>	Fully automated Liquid Auto Sampler, Injects with variable speed & varying syringe sizes, Operates through Software

	<b>Only)"</b>	(Software inclusive in the scope of supply), NA
HEAD SPACE SAMPLER	<b>Compatible Head Space Sampler- inclusive in the scope of supply</b>	Yes, No
	<b>Capacity of the Head Space Sampler Carousel (number of Vials)</b>	12 or better, NA
	<b>Head Space Sampler Temperature Range</b>	Upto 200 deg. C or better, NA
PYROLYZER SYSTEM	<b>Compatible Pyrolyzer System for pyrolysis of solid and liquid samples- inclusive in the scope of supply</b>	Yes, No
SALIENT FEATURES OF GAS CHROMATOGRAPH (GC)	<b>"Salient Features of GC (Select applicable features Only)"</b>	Automatic leak testing/detection of Pneumatics
SOFTWARE	<b>"Software Features (Select Applicable Features only)"</b>	Compatible with Windows 7 or higher version operating system
GENERIC	Power Supply	230 V $\pm$ 10%
	Display	Through PC (PC is not part of supply)
	Connectivity interface	USB, RS 232
	Provision to split the sample from single injection to two different detectors and get results for two detectors simultaneously	Yes, No
ACESSORIES	<b>Gas Supply inclusive in the scope of supply</b>	Nitrogen, Hydrogen, Argon, Helium, Zero Air, Not offered
	<b>Capacity of Gas cylinder</b>	47 liters water capacity, Not offered
	<b>Number of Cyliners of each type supplied - inclusive in the scope of supply</b>	0
	<b>Gas cylinders certified by PESO</b>	Yes, No for Gas Cylinder Not Offered
	<b>Regulator - inclusive in the scope of supply</b>	Dual Stage Regulator, NA
	<b>"Other Accessories inclusive in the scope of supply (Select only those Accessories which are part of supply)"</b>	Gas purification panel for all Gases with moisture trap, Hydrocarbon trap & Oxygen trap, Syringe for manual injection x 05 nos, Auto Sampler Vials x 1000 vials with screw cap, Graphite ferrules x 10 nos, Vessel ferrules x 10 nos, Septa for injector x 100 nos, Inlet liner for splitless x 4 nos, Inlet liner for split x 4 nos, O-rings x 10 nos. of each type, Column Cutter x 2 nos, Gas tube Cutter x 2 nos, Tool Kit x 1 no., User / Technical / Maintenance Manual, Standard Samples - NIST / IPL Traceable, NA
ENVIRONMENTAL	<b>Minimum Operating Temperature</b>	0.0 - 1.0 Or lower
	<b>Maximum Operating Temperature</b>	35.0 - 65.0 Or higher
	<b>Operating Humidity (RH) (%) at 40 degree C</b>	60.0 - 95.0 Or higher
INSTALLATION & COMMISSIONING / WARRANTY / AVAILABILITY OF	<b>Warranty on equipment</b>	1.0

SPARES / TRAINING	<b>Number of days onsite training provided</b>	3, 5, 7, 10
	Number of Year Availability of Spares from the date of installation is assured	7.0
CERTIFICATION / TEST REPORT	<b>"Availability of UL/CE Certificate as per IEC 61010- 1 latest - Safety requirements for electrical equipment for measurement,control, and laboratory use General requirements"</b>	Yes, No
	<b>Conformance to EMC/EMI as per IEC 61326-1 latest - Electrical equipment for measurement, control and laboratory use</b>	Yes, No
	<b>Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification</b>	Yes, No

#### **Additional Specification Parameters - Gas Chromatography ( 2 pieces )**

<b>Specification Parameter Name</b>	<b>Bid Requirement (Allowed Values)</b>
MAXIMUM OPERATING TEMPERATURE	MAXIMUM OPERATING TEMPERATURE (GC OVEN) - 450 DEG C
INJECTION PORTS NUMBER	NUMBER OF INJECTION PORTS REQUIRED - 02
CARRIER GAS REQUIREMENT	It should be possible to use Hydrogen, Helium or Nitrogen as carrier gas.If Hydrogen sensor is required to be used if Hydrogen is used as carrier gas then the same should be included. Electronic control of flow and pressure of carrier gas should be provided. The electronic flow controller should be capable of handling pressure up to 1000 KPa (145 psi) and flow rates up to 500 ml/min
INSTALLATION KIT	Ferrules (for 0.25 mm column) 10 nos Ferrules (for 0.18 mm column), 10 nos Column nuts 2 nos each for injector and detector, Copper tubing, 1/8 diameter, 50 ft length 1/8 Tee Brass Joints 10 nos 1/8 inch Brass Unions 10 nos Tool Set 1 no
TRAINING & AMC	Two scientific staff of OIL should be trained in the operation of the software and the instrument and routine maintenance of the instruments at site for 3 working days after the installation is over. The bidder shall quote AMC charges in price bid for 04 years post Warranty which shall not be considered for evaluation of L1 bidder.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### **Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	DIPANKAR PATHAK	786602,Oil India Limited, Duliajan, Assam	2	179

#### **Bid Specific Additional Terms and Conditions**

- 1.Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 2.**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

3. Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- a. Copy of PAN Card.
- b. Copy of GSTIN.
- c. Copy of Cancelled Cheque.
- d. Copy of EFT Mandate duly certified by Bank.

4. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
5. Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.
6. Scope of supply includes Training: Number of employees to be trained 2, Place for Training OIL INDIA LIMITED, DULIAJAN, ASSAM 786602 and Duration of training 3 days.
7. 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 : Notification No. 3/2017-Integrated Tax dated 28/06/2017
8. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: Ferrules (for 0.25 mm column) 10 nos Ferrules (for 0.18 mm column), 10 nos Column nuts 2 nos each for injector and detector, Copper tubing, 1/8 diameter, 50 ft length 1/8 Tee Brass Joints 10 nos 1/8 inch Brass Unions 10 nos Tool Set 1 no.
9. **Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
10. Bidder Turn Over Criteria: 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 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.
11. **IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
12. **Purchase preference to Micro and Small Enterprises (MSEs):** Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

13. 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 17.09.2020 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.

14. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

15. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

16. **NET WORTH:** Net Worth of the OEM should be positive as per the last audited financial statement.

[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---**