

### Bid Document

Bid Details	
Bid End Date/Time	14-07-2020 15:00:00
Bid Opening Date/Time	2020-07-14 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Petroleum And Natural Gas
Department Name	Indian Oil Corporation Limited
Organisation Name	loc Mathura Refinery
Office Name	Materials Department Mathura Refinery
Total Quantity	1
Item Category	Spirometer
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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### Splitting

Bid splitting not applied.

### Spirometer ( 1 pieces )

### Technical Specifications

\* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Conformity to Standards	American Thoracic society (ATS)/ European Respiratory Society (ERS) standards. LATEST	*
	Confirmity to Safety and Quality Standards	-	*
	Certificate Date and Number	-	*
Performance Parameters	Type of Measurable Spirometry and Flow Volume Parameter	FVC,FEV0.5 FEV1,FEF50,FIF 50,FEF75,MVV, FET & MTT), SVC, Maximum ventilation volume (MVV)inspiratory capacity, Expiratory Reserve volume	*
	Availability of Pre & Post Bronchodilatation Comparison	Yes	*
	<b>Broncho provocation test</b>	Yes	Yes
	<b>Flowmeter</b>	Bi-directional digital turbine (14 l/s or more with accuracy 3 %)	Bi-directional digital turbine (14 l/s or more with accuracy 3 %)
	Level of Resistance	less than 1.5 cm H2O/L/sec	*
	Parameters should be measured with highest accuracy & reproducibility and should not affected with high surrounding temperature and humidity levels	Yes	*
	<b>SPO2 (pulse oximetry)</b>	No	No
	Electronic Barometer & temperature sensors, for Automatic BTPS correction	Yes	*
	Overlaying of previous test curves for comparison	Yes	*
	Real Time Flow Volume and Volume -time Time	Yes	*

Traces on Computer screen		
Capability to select and modify / add predicted equations	Yes	*
3-litre precision calibration syringe, standard accessories and manual	Yes	*
Facility to interface for desktop/laptop computer	Yes	*
"System Should be supplied with Computer Interfacing package, Cables, Software should be supplied"	Yes	*
3-Litre Precision Calibration Syringe, Standard accessories & Manual should be supplied	Yes	*
" Availability of Disposable Mouthpieces (500 Nos)"	Yes	*
Availability of Pulmonary Filters (100 Nos) with machine	Yes	*
<b>Spare Pneumotach screens supplied</b>	2	2
Availability of Nose clips-20 nos and Thermal paper roll-20 nos	Yes	*
Should have a digital display of all graphs and parameters and an alphanumeric keypad	Yes	*
Overall dimensions in mm x mm x mm	-	*
Weight in kg	6	*
Instruction Manuals 3 set	Yes	*
<b>Warranty in Years</b>	3	3
<b>CMC (after warranty) in years to be provided</b>	3	3

Reports	Availability of test report from central govt/ NABL/ILAC accredited lab covering all parameters	Yes	*
	Test report number	-	*
	Test report date	-	*
	Name of test lab	-	*
	Address of test lab	-	*
	Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes	*

\* Specifications highlighted in bold are the Golden Parameters.

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

### Additional Specification Documents

### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Mayank Rai	281005, Mathura Refinery Indian Oil Corporation	1	30

### Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods
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% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 25% of total value.
3. Preference to Make In India products (For bids less than 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 50%. 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

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

**---Thank You---**