

Bid Document

Bid Details	
Bid End Date/Time	01-09-2021 11:00:00
Bid Opening Date/Time	01-09-2021 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	1
Item Category	Water Quality Meters / Analyzers
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 *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	5 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
Estimated Bid Value	450000
Evaluation Method	Total value wise evaluation

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

MII Purchase Preference

MI Purchase Preference	No
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MSE Purchase Preference

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

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Water Quality Meters / Analyzers (1 pieces)

Brand Type	Registered Brand
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Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
TYPE / NOMENCLATURE / PROTECTION	Type of Meter / Analyzer	Handheld
	Functional nomenclature	Multi Parameter Water Quality Analyzer
	Ingress Protection (Main Unit)	IP 67
	Calibration	Automatic
MEASURED WATER QUALITY PARAMETERS	Dissolved Oxygen (DO)	Yes
	DO % Saturation	Yes
	Conductivity	Yes
	Resistivity	Yes
	Salinity	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Total Dissolved Solids (TDS)	Yes
	pH	Yes
	Oxidation Reduction Potential (ORP)	Yes
	Ammonium	Yes
	Nitrate	Yes, No
	Chloride	Yes
	Turbidity	Yes, No
	Depth	Yes, No
	Temperature	Yes, No
	Atmospheric Pressure	Yes, No
MEASUREMENT OF DISSOLVED OXYGEN (DO) / DO % Saturation	Dissolved Oxygen (DO) measurement Principle	Optical, Electro Chemical (Amperometric), NA
	Measurement Range for DO Content (in ppm or mg/l)	0-20, 0-25, 0-30, 0-35, 0-40, 0-45, 0-50, 0-60, 0-70, 0-80, 0-90, NA
	Measurement Range for DO % Saturation (in %)	0-200, 0-400, 0-500, 0-600, 0-800, NA
MEASUREMENT OF CONDUCTIVITY (EC)	Conductivity measurement principle	Conductive (contacting), Inductive, NA
	Sensor/ Probe/Electrode Type	2 Cell Electrode, 4 Cell Electrode, NA, Photometric
	Material of Electrode	Platinum, Titanium, Gold Plated Nickel, Graphite, NA
	Measurement Range (in $\mu\text{S/cm}$)	0-200
	Resolution (in mho or $\mu\text{S/cm}$)	0.1
MEASUREMENT OF RESISTIVITY	Resitivity measurement principle	Conductivity Conversion
	Lowest Measurement Value for Resistivity (in ohm-cm)	0, 1, 2, 5, 10, NA
	Highest Measurement Value for Temperature (°C)	1
	Resolution (in ohm-cm)	1
MEASUREMENT OF SALINITY	Salinity measurement principle	Conductivity Conversion, NA
	Measurement Range (in parts per thousand or g/l or PSU)	0-10, 0-20, 0-30, 0-40, 0-50, 0-60, 0-70, 0-80, 0-90, 0-100, 0-110, NA
	Resolution (in g/l)	0.01
MEASUREMENT OF TOTAL DISSOLVED SOLIDS (TDS)	TDS measurement principle	Conductivity Conversion, NA

Specification	Specification Name	Bid Requirement (Allowed Values)
	TDS Measurement Range (in parts per thousand or g/l)	0-400
	Resolution (in g/l)	0.001
MEASUREMENT OF pH	pH measurement principle	Electro chemical, NA
	Sensor / Probe / Electrode Type	Glass Electrode
	Number of Sensors / Electrodes	Single Electrode
	pH Measurement Range	0-14
	Resolution (in pH number)	0.01
MEASUREMENT OF OXIDATION REDUCTION POTENTIAL (ORP)	ORP measurement principle	Electro chemical, NA, mV
	Sensor / Probe/ Electrode Type	Platinum Electrode
	Number of Sensors /Electrodes	Single Electrode, Combination Electrode (2 Electrode), Differential Electrode (3 Electrode), NA
	Lowest Measurement Value for ORP (in mV)	-3000, -2500, -2000, -1500, -1000, -500, 0, NA
	Highest Measurement Value for ORP (in mV)	3000, 2500, 2000, 1500, 1000, 500, NA
	Resolution (in \pm mV)	0.1
MEASUREMENT OF AMMONIUM	Resolution (in ppm or mg/l)	0.01, 0.1
MEASUREMENT OF CHLORIDE	Sensor/Probe/Electrode Type	Ion Selective Electrode, NA, Photometric
	Measurement Range (in ppm or mg/l)	0-400, 0-600, 0-800, 0-1000, 0-1200, 0-1500, NA, 0-200
MEASUREMENT OF TURBIDITY	Turbidity measurement principle	Nephelometric measurement according to ISO 7027, Nephelometric measurement according to US EPA 180.1, NA
	Light Source	Infrared Led, White light tungsten lamp, NA
	Measurement of scattered light	30 degree scatter nephelometer, 90 degree scatter nephelometer, NA
	Lowest Measurement Value for Turbidity (in FNU or NTU)	0.01, 0.05, 0.1, 0.5, 0, NA
	Highest Measurement Value for Turbidity (in FNU or NTU)	10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1100, 1200, NA
MEASUREMENT OF TEMPERATURE	Sensor/Probe Type	Semi Conductor Based Thermister, Resistance Temperature (RTD) Detector, NA
	Lowest Measurement Value for Temperature (°C)	-5

Specification	Specification Name	Bid Requirement (Allowed Values)
	Resolution (°C)	0.01
MEASUREMENT OF PRESSURE	Sensor /Probe Type	Pressure transducer, NA
	Lowest Measurement Value for Pressure (in mmHg)	200, 225, 250, 275, 300, 325, 350, 375, 400, 425, 450, 475, NA
	Highest Measurement Value for Pressure (in mmHg)	800, 825, 850, 875, 900, 950, 1000, NA
MEASUREMENT OF DEPTH	Measurement Method	Water Pressure method, NA
	Depth Measurement Range (in meters)	0-10, 0-20, 0-30, 0-40, 0-50, 0-60, 0-70, 0-80, 0-90, 0-100, NA
	Length of Cable connecting peobe (inclusive in the scope of supply)	4.0
COMPENSATION / CORRECTION	Temperature correction	Automatic
	Salinity Correction	Automatic, Manual, Automatically compensates for manual input value, NA
	Barometric Pressure correction	Automatic
DISPLAY / STORAGE	Type of Display	LCD with Backlight
	Number of Digits in Display	3
	Number of parameters diplayed simultaneously	13
POWER SOURCE	Power Source	Alkaline Batteries (Non-Rechargeable)
GENERIC	Probe / Sensor / Electrode supplied with equipment	Yes
	Number of elctrodes supplied	3
	Carry Case included in the scope of supply	Yes
OPERATING CONDITIONS	Minimum Operating Temperature	0.0
	Maximum Operating Temperature	50.0
	Operating Humidity, Rh at 40 deg C	90.0, 95.0
WARRANTY	Warranty on Equipment	1.0
	Warranty on Probe / Electrode	12.0, 6.0
	Warranty on Cables for Connecting Probe	1.0
CERTIFICATION	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	If Yes, Test Report to be furnished to the Buyer on demand	Yes

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Krishna Mohan Kumar	786602,Oil India Limited, Duliajan, Assam	1	120

Buyer Added Bid Specific Additional Terms and Conditions

- 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.
- Bidder shall submit the following documents along with their bid for Vendor Code Creation:
 - Copy of PAN Card.
 - Copy of GSTIN.
 - Copy of Cancelled Cheque.
 - Copy of EFT Mandate duly certified by Bank.
- 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.
- 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.
- 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
- 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 45 days from date of issue of GeM Contract and material should be dispatche after receiving of EC rom DGH."
- Scope of supply (Bid price to include all cost components) : Only supply of Goods
- Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent

Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for percentage of 100% of total value.

9. 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.
10. 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.

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](#)

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---