

Bid Document

Bid Details	
Bid End Date/Time	11-11-2021 22:00:00
Bid Opening Date/Time	11-11-2021 22:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Ministry Of Education
Department Name	Department Of Higher Education
Organisation Name	Indian Institute Of Technology Kanpur
Office Name	Kanpur
Total Quantity	1
Item Category	Water Quality Meters / Analyzers (Q3) ()
Minimum Average Annual Turnover of the Bidder	5 Lakh (s)
OEM Average Turnover (Last 3 Years)	35 Lakh (s)
Years of Past Experience required	2 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
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) *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	2 Days
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

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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1. If the bidder is a Micro or Small Enterprise as per latest definitions under MSME rules, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
2. If the bidder is a Startup, the bidder shall be exempted from the requirement of "Bidder Turnover" criteria and "Experience Criteria". If the bidder is OEM of the offered products, it would also be exempted from the "OEM Average Turnover" criteria. In case any bidder is seeking exemption from Turnover / Experience Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer.
3. 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.
4. 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.
5. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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.
6. 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.

7. 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 25%(selected by Buyer) percentage of total QUANTITY.

8. 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.

9. 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.

Water Quality Meters / Analyzers (1 pieces)

(Minimum 50% Local content required for MII compliance)

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
	Total Dissolved Solids (TDS)	Yes
	pH	Yes
	Oxidation Reduction Potential (ORP)	Yes
	Ammonium	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Nitrate	Yes
	Chloride	Yes
	Turbidity	Yes
	Depth	No
	Temperature	Yes
	Atmospheric Pressure	Yes
MEASUREMENT OF DISSOLVED OXYGEN (DO) / DO % Saturation	Dissolved Oxygen (DO) measurement Principle	Optical
	Measurement Range for DO Content (in ppm or mg/l)	0-50
	Measurement Range for DO % Saturation (in %)	0-500
MEASUREMENT OF CONDUCTIVITY (EC)	Conductivity measurement principle	Conductive (contacting)
	Sensor/ Probe/Electrode Type	4 Cell Electrode
	Material of Electrode	Titanium
	Measurement Range (in μS/cm)	0-200000
MEASUREMENT OF RESISTIVITY	Resitivity measurement principle	Conductivity Conversion
	Lowest Measurement Value for Resistivity (in ohm-cm)	10
MEASUREMENT OF SALINITY	Salinity measurement principle	Conductivity Conversion
	Measurement Range (in parts per thousand or g/l or PSU)	0-70
MEASUREMENT OF TOTAL DISSOLVED SOLIDS (TDS)	TDS measurement principle	Conductivity Conversion
	TDS Measurement Range (in parts per thousand or g/l)	0-100
MEASUREMENT OF pH	pH measurement principle	Electro chemical
	Sensor / Probe / Electrode Type	Glass Electrode
	Number of Sensors / Electrodes	Combination Electrode (2 Electrode)
	pH Measurement Range	0-14
MEASUREMENT OF OXIDATION REDUCTION POTENTIAL (ORP)	ORP measurement principle	Electro chemical
	Number of Sensors /Electrodes	Combination Electrode (2 Electrode)

Specification	Specification Name	Bid Requirement (Allowed Values)
	Lowest Measurement Value for ORP (in mV)	-2000
	Highest Measurement Value for ORP (in mV)	2000
MEASUREMENT OF AMMONIUM	Sensor / Probe/ Electrode Type	Ion Selective Electrode
	Measurement Range (in ppm or mg/l)	0-200
MEASUREMENT OF CHLORIDE	Sensor/Probe/Electrode Type	Ion Selective Electrode
MEASUREMENT OF TURBIDITY	Turbidity measurement principle	Nephelometric measurement according to ISO 7027
	Light Source	White light tungsten lamp
	Measurement of scattered light	90 degree scatter nephelometer
	Lowest Measurement Value for Turbidity (in FNU or NTU)	0
	Highest Measurement Value for Turbidity (in FNU or NTU)	1200
MEASUREMENT OF TEMPERATURE	Sensor/Probe Type	Semi Conductor Based Thermister
	Lowest Measurement Value for Temperature (°C)	-5
	Highest Measurement Value for Temperature (°C)	70
MEASUREMENT OF PRESSURE	Sensor /Probe Type	Pressure transducer
	Lowest Measurement Value for Pressure (in mmHg)	375
	Highest Measurement Value for Pressure (in mmHg)	825
MEASUREMENT OF DEPTH	Measurement Method	NA
	Depth Measurement Range (in meters)	0-10
	Length of Cable connecting peobe (inclusive in the scope of supply)	4.0
COMPENSATION / CORRECTION	Temperature correction	Automatic
	Salinity Correction	Automatic
	Barometric Pressure correction	Automatic
OPERATING CONDITIONS	Minimum Operating Temperature	0.0

Specification	Specification Name	Bid Requirement (Allowed Values)
	Maximum Operating Temperature	50.0
	Operating Humidity, Rh at 40 deg C	95.0
WARRANTY	Warranty on Equipment	1.0
	Warranty on Probe / Electrode	12.0
	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	No

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Manoj Kumar Duklan	208016,Central Store & Purchase Section, IIT Kanpur, GT Road, Kalyanpur 208016 (UP)	1	21

Buyer added Bid Specific Additional Specification - Drawings

S.No.	Document Title	Description	Applicable i.r.o. Items
1	Digital Water Quality Meter - Specifications View	Uploaded Specifications Must Comply with Offered Specs (Mandatory)	Water Quality Meters / Analyzers(1)

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

- 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.
- Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 2

years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

3. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.
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. **End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
6. 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 : 45/2017 (CGST) KA.NI .- 2-1823/XI-9(47)/17 (SGST), 47/2017 (IGST) dated 14/11/2017 dated 14/11/2017
7. Supplier shall ensure that the Invoice is raised in the name of Consignee with GSTIN of Consignee only.
8. **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.
9. 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)
10. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
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. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
13. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
14. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
15. 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.
16. ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.
17. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): OEM or OEM Authorization Only.
18. Warranty period of the supplied products shall be as given in specifications 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.
19. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the

invoices have been executed.

b. Execution certificate by client with order value.

c. Any other document in support of order execution like Third Party Inspection release note, etc.

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

21. Buyer Added text based ATC clauses

Note:

1-Buyer organization is an institution eligible for concessional rates

of GST as notified by the Government of India - Applicable

Concessional rate of GST 5.00% (GST Exemption Certificate will be provided)

2- See Additional Document attached in ATC Documents which

needs to be submitted. (Mandatory)

3- Additional Specifications added/uploaded that should must be complied with offered item by the bidder. (Mandatory)

22. Buyer uploaded ATC document [Click here to view the file.](#)

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---