

Detailed Specification

Enquiry:MM/172/G30260

Contact Details

Name: Binduja Menon

Phone: 0484 2568253 , 0484 2568204

Email ID: binduja@factltd.com

Please submit your offer for supply of the following items as per the instructions, technical specifications and other terms and conditions specified herein/ attached.

Note:

1. The delivery period mentioned in the BoQ is our indicative requirement. You may offer your earliest delivery period.

Please refer our above referred enquiry number in all correspondence.

SL No.	Material Code	Detailed Specification/s	Quantity	Unit of Measure
1	679304025	<p>KARL FISCHER TITRATOR for volumetric water determination. It can be used to determine water content in ppm level to 100% reliably and accurately in solid, liquid and gaseous samples. The system should include titration stand, magnetic stirrer, titration vessel and all associated tubing, exchange nit/burette with 10 mL capacity, 1 Ltr solvent bottles, dual pin platinum electrode and cable, printer and printer cable. Results are to be calculated in mg, µg, % , ppm. Titrant concentration and drift in µg/min. are calculated and factored into the final results. Sealed titration stand to eliminate ambient moisture from entering the system, and a magnetic stirrer to be provided for easy stirring without opening the titration vessel. Provision for connecting with balances, printers, and computers through standard ports should be there.</p> <p>Specifications Description : Karl Fischer Titrator Measuring Range : ppm level to 100% water Accuracy* : ±0.3% Resolution : 1/10000 of burette volume Electrical : 240V</p>	1	Number



CORPORATE MATERIALS

SPECIAL TERMS AND CONDITIONS

Enquiry No. MM/172/G30260 for Karl Fisher Titrator

1. Unit shall have two measuring inputs - one analogue and one digital. Shall measure two parameters at the same time (e.g. pH and Conductivity).
2. It shall determine calcium & magnesium hardness (upto 2 equivalence points).
3. Scope of delivery shall include 10ml exchangeable head, titration stand with stirrer & pump, titration vessel, dual platinum electrode, starter kit, power supply 230V/50Hz, touch-sensitive full colour display, Housing material: Polypropylene, Interfaces: 2×USB, 1 x LAN and RS232-C
4. Shall provide user manual, on-site installation, commissioning, demonstration free of cost.
5. One year warranty for KF Titrator and five years corporate guarantee for service, spare and application support from the date of installation and commissioning.

Note: Vendor shall confirm to supply item as per the Detailed Specification and Special Terms and Conditions with **NIL deviation**.

PRE-QUALIFICATION CRITERIA

TENDER No. MM/172/G30260 for the procurement of KARL Fischer Titrator

Sl No	Pre-Qualification Criteria (PQC) Conditions	Documents to be submitted along with bid	Bidders compliance
1	The Bidder shall be an Original Equipment Manufacturer (OEM) / Authorized distributor/dealer/channel partner of Karl Fischer Titrator.	Self-declaration in case of OEM shall be submitted. In case of Authorized distributor, copy of valid authorization certificate from OEM shall be submitted.	
2	The Bidder should have supplied minimum one number of the offered instrument in India in the last 7 years as on date of NIT.	1. Copy/ Copies of the Purchase Order(s) in the name of the bidder or OEM clearly indicating the PO number with date and item description and quantity. 2. Invoice / delivery challan / performance certificate as proof of supply	
3	The instrument supplied vide PQC , S No. 2 shall be in operation in India satisfactorily for a continuous period of minimum 1 year as on date of NIT in fertiliser industry / refinery/chemical industry / petrochemical industry/NABL accredited labs/Govt. research institutions and IITs/IISc..	Performance Certificate / E-mail issued by the end user (detailed address & contact of end user to be provided) clearly indicating the make and shall reflect the period of performance.	
4	a) Average annual turnover of the bidder for the last three financial years ending on 31-03-2023 shall be at least Rs. 24/- Lakhs or above and b) Annual turnover for each year shall be at least Rs. 4 /- lakhs or above during the last three financial years ending on 31-03-2023	Self-attested copies of audited financial statements (Profit & Loss Account and Balance Sheet) for the last three financial years ending on 31-03-2023	

NOTE: -

- 1) All relevant documents for satisfying the pre – qualification criteria shall be enclosed in the techno- commercial bid, without which the offer is liable to be rejected.
- 2) FACT shall have liberty to verify the references submitted by the bidders with users and accept /reject the bids based on the feedback.
- 3) Offers from the bidders who do not meet the above PQ criteria will not be considered.
- 4) In case of FACT orders, Bidders need to mention only the PO number, submission of documents is not compulsory.
- 5) The Purchase Order date and corresponding delivery date shall be with in last seven years.
- 6) **IMPORTANT:** In case of ambiguity or incomplete or non submission of required relevant documents along with bid, FACT reserves the right, at its option, to reject the Bidders Bid without assigning any reason and without notice.

COMPLIANCE STATEMENT

Sl. No.	Terms	Bidder confirmation
1	All quotations shall be strictly as per the Detailed specification sheet and Special Terms and Conditions.	
2	The successful bidder shall provide user manual, on-site installation, commissioning, demonstration free of cost.	
3	The successful bidder shall provide one year warranty for KF Titrator and five years corporate guarantee for service, spare and application support from the date of installation and commissioning.	
4	Please mention shortest possible delivery period.	
5	Please confirm : Price Basis – FOR FACT Stores (as per Gem T & C)	
6	Please confirm : Taxes and Duties - The Price offered in GEM is all inclusive of TAX. (as per Gem T & C)	
7	Please confirm : Payment Terms : 100% payment will be released within 10 days of the issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills as per GEM terms and conditions. (as per Gem T & C)	
8	Please confirm : Liquidated Damages: As per GeM – “@ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever”(as per GeM T & C)	

Note : All the above columns shall be filled properly, without leaving blanks. Please upload / return this document duly filled-in, along with your bid.