



DEPARTMENT OF ELECTRICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI-36, INDIA

Dr. R. SARATHI
Professor

Chennai-36
12.07.2016

Ref: **EDD1415028CPRINILE**

Due Date: 20th July 2016

Sub: Enquiry for supply of Karl-Fischer Unit- 1 No

Dear Sir/Madam

1. Quotations are invited for the supply of the above items as per the specifications given below.
2. Specifications

Titration Method Should be Coulometric Karl Fischer Titration

Electrolysis Control : Only Automatic

End Point Detection : AC polarization

Measuring range : Possible 1 μ g - 200mg water

Moisture range: 1ppm - 100% water

Max. Sensitivity: should be minimum 0.1 μ g

Max. titration speed: At least 2.5 mg per minute or Better

Max. current: 400 ma

Drift compensation: should be automatically controlled only

Precision: 10-100 μ g \pm 4 μ g, 100 μ g-1mg \pm 4 μ g, above 1mg \pm 0.4% or Better

3. The quotations duly sealed and superscribed on the envelope with the reference number and due date, should be addressed to the undersigned so as to reach on or before the due date stipulated above.
4. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
5. Relevant literature pertaining to the items quoted with full specification (and drawing if any) should be sent along with the quotations, wherever applicable. Samples, if called fo, should be submitted free of charges, and collected back at the suppliers expenses.
6. Goods should be supplied carriage paid and insured.
7. Goods should not be supplied without an official purchase order.
8. Payment: every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of good, which is later.

Quotations to be sent to Prof. R. Sarathi, Department of Electrical Engineering, Indian Institute of Technology Madras, Chennai 600 036.

Yours Sincerely

R. Sarathi
12/7/16

(R. Sarathi)