

All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29.
(RESEARCH SECTION)

Ref. No.03/Stores/NMR/RJ/2014-15/RS

Dated: 02.06.2104

Subject: Purchase of equipment UV-Vis Spectrophotometer for the department of N. M. R. , at AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request has been received from Dr. Rama Jayasundar, Deptt. of NMR, AIIMS to purchase the subject item from M/s Thermo Fisher Scientific India Pvt. Ltd. (Mfd. By M/s Thermo Fisher Scientific (Hong Kong) Ltd., Hong Kong on proprietary basis. The proposal submitted by M/s Thermo Fisher Scientific India Pvt. Ltd., and PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 03/Stores/NMR/RJ/2014-15/RS.** The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **16.06.2014 upto 12.30 p.m.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Specification of equipment.**

Computer facility: with request for uploading the same in AIIMS websites for the period of 15 days.

Specifications for UV-Vis spectrophotometer with microplate reading

SECTION – I

1. Spectral scanning unit for UV-Vis wavelength region with facilities for microplate and cuvette reading
2. A monochromator based wavelength selection using Xenon Flash lamp as light source
3. Wavelength range : between 200 and 1000 nm in steps of 1 nm
4. Spectral scanning speed : 10 sec or less from 200 to 1000 nm with 1 nm steps per sample
5. Photometric read out range : upto 4 Abs
6. Stray light should be less than 0.06 %
7. Bandwidth from 1.5 to 2.5 nm
8. The system should be able to read well plates from other manufacturers
9. The system should have incubation and linear shaking option for assay work
10. Incubation temperature: from 20°C to 45 °C
11. System should have measurement option for accessory plate used for multiple (>12) low volume samples of 2µl-10µl.
12. The system should have high end data analysis software for data processing, analysis and graph display.
13. Analysis software should be supplied with the instrument with unlimited user system license.
14. Software should have option for area selection . i. e different protocols at different area of the same plate.
15. Database based software to run backups of all data, restore back up data (in case of hardware failure of original computer).
16. Spectral scanning of multiple samples (96 samples from 96 well plate) should be able to view in single graph plot.
17. Single software program should allow any number of measurement steps within the program.
18. The system should have the facility for data backup and their restoration
19. It should work as a stand alone system with more than 30 program memory and as well as a PC controlled through Windows based software
20. Communication interface should be USB for data access. There should be a minimum of 2 USB ports, one for data access and the other for connecting printer to the unit.
21. Instrument should have either CE mark or Europe regulations or US regulations

SECTION - II

General Conditions:

1. Vendor should provide the list of sites where their equipment has been installed
2. Similar installations of this kind should have been made by the company in recognised Institute / University in India and provide the users' list for the same.
3. The vendor should mention their years of experience in this field.
4. Vendor should also enclose international price list for the items quoted along with the price of spare parts and accessories from their Principals ONLY, duly signed by them.
5. Comprehensive on-site warranty for 5 years for UV-Vis spectrometer and its accessories should be provided by the vendor.
6. Comprehensive maintenance contract (CMC) after the expiry of warranty should be provided for 5 yrs for the whole system including accessories (quote for each year separately) and should be quoted in Indian Rupees.
7. Also quote separately the AMC price (in Indian Rupees) for the whole system for 5 years after the expiry of the warranty period.
8. The vendor should provide a compliance statement as per the tender specification point by point as given in Section – I, failing which the offer will be rejected.

8th May, 2014

To,
Dr. Rama Jayasundar,
Department of NMR,
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR
NEW DELHI: 110 029

**Subject: Proprietary Certificate for UV/Vis Spectrophotometer with cuvette,
microplate and low volume reading option**

Dear Madam,

Please find enclosed herewith the proprietary certificate for Thermo Scientific™ Multiskan GO microplate spectrophotometer signed by Dr. Jorma Lampinen, Senior Application Scientist at our factory located at Vantaa, Finland.

This sole source document informs, confirms, and certifies that the Thermo Scientific™ Multiskan GO microplate spectrophotometer is according to our best knowledge the only microplate spectrophotometer available with all combination of features and therefore a proprietary item of Thermo Fisher Scientific.

All the feature combination mentioned in the sole source document is only available with Thermo Fisher Scientific and not available with any other manufacturer as single equipment with all those specifications.

Thanking You

Your's Truly
For Thermo Fisher Scientific

Avinash Rodrigues
Product Specialist
Sample Preparation & Analysis.



