

Dept. of Endocrinology & Metabolism
ALL INDIA INSTITUTE OF MEDICAL SCIENCES

No. F.RE -01/E&M/2018-19/AIIMS

Ansari Nagar, N. Delhi-110029

Dated the: 19th Feb 2019

Subject: Purchase of Elisa Reader - 01 No. for the department of Endo & Metabolism at AIIMS on proprietary basis inviting comments thereon.

the Department is in the process to purchase of **Elisa Reader 01 No. for the department of Endo & Metabolism at AIIMS on proprietary basis from M/s Thermo Fisher Scientific Oy, Finland through M/s vision diagnostics (India) Pvt. Ltd., Delhi. The PAC Certifications by M/s Thermo Fisher Scientific Oy, Finland and by department 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 equipments /item with in 15 day s from the date of issue/ uploading of the notification giving reference no . **No. F.RE - 01/E&M/2018-19/AIIMS**. The comment should be received in office of Dept, of Endo & Metabolism , Room No. 308 , Biotechnology Block at AIIMS on or before 06/ 03/2019 up to 12.30 pm failing which it will be presumed that any other vendor is having no comments to offer and case will be decided on merits.

Thanking you,

Yours Sincerely



डॉ. निखिल टंडन एम.डी., पी.एच.डी.

Dr. NIKHIL TANDON M.D., Ph.D.

आचार्य एवं अध्यक्ष/Professor & Head

Head of the Department
Dept. of Endocrinology & Metabolism

अन्तःस्त्राविकी एवं चयापचय विभाग
अ.भा.आ.स., नई दिल्ली-110029

~~Dr. NANDITA GUPTA Ph.D.~~

~~डॉ. नन्दिता गुप्ता पीएच.डी.~~

~~PROFESSOR/आचार्य~~

~~Dept. of Endocrinology & Metabolism~~

~~अन्तःस्त्राविकी एवं चयापचय विभाग~~

~~All India Institute of Medical Sciences~~

~~अखिल भारतीय आयुर्विज्ञान संस्थान~~

~~New Delhi-110029/नई दिल्ली-110029~~

Dr. NANDITA GUPTA Ph.D.

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New Delhi-110029/नई दिल्ली-110029

Dept. of Endo & Metabolism
All India Institute of Medical of Medical Science

Dated:- 12th Feb 2019

Sub: Constitution of Technical Specification committee for the purchase of "Elisa Reader" and a meeting for finalization of Specifications - thereof

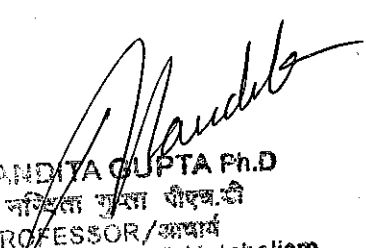
Sir,

The Department of Endocrinology & Metabolism, AIIMS is planning to purchase "**Elisa Reader**", **One No.** in quantity. Since the cost of equipment accessory is approx 10.0 Lakh, a meeting of the specification committee (constituted as provided below) is to be organized **on 13th Feb 2019 at 4.00 p.m.**, in the Room N. 308, Biotechnology Block, Dept. of Endocrinology & Metabolism, AIIMS, Ext. (3237). Therefore following officers are requested to make it convenient to attend on the date and time mentioned above.


Specification committee will have following members.

- 1) Head of the department (Dr. Nikhil Tandon)
- 2) Faculty member & user faculty (Dr. Nandita Gupta)
- 3) Faculty member of Department (Dr. Viveka P. Jyotsna)
- 4) Faculty member of Department Dr. Yashdeep Gupta

Thanking you,


Dr. NANDITA GUPTA Ph.D
डॉ. नन्दिता गुप्ता पीएचडी
PROFESSOR/अध्यापक
Dept. of Endocrinology & Metabolism
अन्तःस्राविकी एवं चयापचय विभाग
All India Institute of Medical Sciences
अखिल भारतीय आयुर्विज्ञान संस्थान
New Delhi-110029/नई दिल्ली-110029


Yours sincerely,


(Dr. Nikhil Tandon)
Professor & Head of the Dept.
Dept. of Endocrinology & Metabolism

Copy to:

1. Dr. Nikhil Tandon, Prof. & Head Dept. of Endo. & Meta.
2. Dr. Nandita Gupta
3. Dr. Viveka P. Jyotsna
4. Dr. Yashdeep Gupta

डॉ. निखिल टंडन एम.डी., पी.एच.डी.
Dr. NIKHIL TANDON M.D., Ph.D.
आचार्य एवं अध्यक्ष/Professor & Head
अन्तःस्राविकी एवं चयापचय विभाग
Deptt. of Endocrinology & Metabolism
अ.भा.आ.सं., नई दिल्ली-110029
A.I.I.M.S., New Delhi-110029


डॉ. यशदीप गुप्ता
Dr. YASHDEEP GUPTA
एम.डी., पी.एच.डी. (एन्डो)/M.D., Ph.D. (Endo.)
सहायक आचार्य/Assistant Professor
अन्तःस्राविकी एवं चयापचय विभाग
Dept. of Endocrinology & Metabolism
अखिल भारतीय आयुर्विज्ञान संस्थान
A.I.I.M.S., New Delhi-110029

Dept. of Endocrinology & Metabolism
ALL INDIA INSTITUTE OF MEDICAL SCIENCES

F. No. -01/E&M/2018-19/AIIMS

Ansari Nagar, N. Delhi-110029
Dated the: 13th Feb 2019

Technical Specification for the purchase of Elisa Reader

- A spectral scanning unit for UV-visible-NearIR wavelength range , with dedicated cuvette port (with no extra attachments) and should able to read 96 & 384 microwell plate format .
- Should work as a standalone system without computer and also able to run with computer controlled software.
- Analysis Software supplied should be supplied with unlimited user license.
- should be able to read end point, kinetics, spectral scanning and also kinetic spectral scan
- Instrument should able to read at least 16 low volume samples of 2µl-10µl using low volume analysis plate in case of DNA/RNA purity & concentration check in directly with standalone mode .
- System should able to run in stand-alone mode using 7 inch or more touch screen for quick usage.
- The instrument should have a memory of 99 inbuilt protocols in stand-alone mode
- Communication options : USB ports to PC, wifi dongle and data transfer devices , 1 ethernet port
- Access data via cloud based capabilities , wired or wireless network connection .
- Instrument is able to provide the wavelength range from 200nm to 1000nm with 1 nm steps.
- Spectral scanning speed : 10 sec from 200 to 1000 nm with 1 nm steps per sample.
- Performance Specifications : Bandwidth:< 2.5 nm or better and Xenon flash lamp life should be for 10 million 96 well microplates.
- The instrument should have inbuilt incubation and linear shaking options for longer kinetic assays etc.
- Incubation temperature: from ambient +2°C to +45 °C.
- Spectral scanning speed 200 to 1000nm should be 10 sec . or less.
- Measurement speed should be 6 sec. for 96 well and 10 sec. for 384 well plate
- The instrument should have minimum 2USB ports, one for the easy data transfer and able to connect wi-fi dongle.
- System should have Power Save function for reduced energy consumption when the instrument is 'on' but not in use.
- Visualize data in both numerical mode and heat-map/virtual image of plate.
- Multiple Software should have language versions: English, German, French, Spanish, Portuguese, Russian, Chinese and Japanese for multi students usage.

Data Analysis Software :

- Software should allow multiple absorbance /photometry steps in a single program for differentially analysis assays, including plate out option during the program to add required compounds and then continue the program for further analysis .
- Allow multiple absorbance reading steps within the same program i.e. in case of two sets of reading before and after adding the compounds.
- Database based software to run backups of all data, restore back up data (in case of hardware failure of original computer).
- should have area selection option, for different measuring parameters for different area in same plate.
- Spectral scanning of all 96 samples or 384 samples should be able to view in single graph plot.
- Data export can be .pdf, excel ,xml and note format.
- Standard Five year Standard warranty.
- Five year CMC Should be quoted.

(Signature)
Dr. YASHDEEP GUPTA
Dr. YASHDEEP GUPTA, DM, (Endo.)
Asst. Prof./Asst. Professor
Dept. of Endocrinology & Metabolism
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029

डॉ. निखिल टंडन एम.डी., पी.एच.डी.
Dr. NIKHIL TANDON M.D., Ph.D.
आचार्य एवं अध्यक्ष/Professor & Head
अन्तःस्त्राविकी एवं चयापचय विभाग
Deptt. of Endocrinology & Metabolism
आ.भा.आ.सं., नई दिल्ली-110029

(Signature)
Dr. KANAKA GUPTA Ph.D.
डॉ. कनका गुप्ता पी.एच.डी.
PROFESSOR/अध्यक्ष
Dept. of Endocrinology & Metabolism
अन्तःस्त्राविकी एवं चयापचय विभाग
All India Institute of Medical Sciences
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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR : NEW DELHI: 110029**

PROPRIETRY/SPECIFICATION BRAND GOODS CERTIFICATE

Dated -13th Feb 2019

1. Item/Type/Model No. required along with specification.
2. If the item a spare part attachment or accessory for an existing equipment.
3. Name of the manufacturer/supplier of the item proposed by the indenter.
4. Are they sole manufacturer/sold distributor of the item
5. If there any other item with similar /equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages /cost effectiveness of the recommended item from these offered by other.
6. What were the efforts made to located alternative source of supply or use other substitutes.
7. Why open/limited tender can't be resorted to, for locating alternative source.
8. Are the proprietary items certifying that the rates are reasonable or not.
9. Any other justification for procuring item from the single source.

Elsia Reader

It is an independent Instrument.

M/s Thermo Fisher Scientific Oy, Finland and M/s Vision Diagnostics (India) Pvt. Ltd. is authorized distributor

Yes - sole manufacturer

No

M/s Thermo Fisher Scientific Oy, Finland is sole manufacturer of this machine with required specifications

Because there is no other manufacture as per our best knowledge with required specifications.

Yes proprietary items & the rates are reasonable.

M/s Thermo Fisher Scientific Oy, Finland is sole manufacturer is the sole manufacturer of this device as per our best knowledge

Signature of Indenter
(Demanding Office)
Dr. NANDITA GUPTA Ph.D

I certify that the Item at Sr. No. 1 above is required to be procured on single tender basis as the source of supply is definitely known / the specified brand proposed was advantages in meeting our functional requirement and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.
(strike out whichever is not applicable)
New Delhi-110029

(Countersigned)
(Head of the Department)

डॉ. निखिल टंडन एम.डी. पी.एच.डी.
DR. NIKHIL TANDON M.D. Ph.D
आचार्य एवं अध्यापक/Professor & Head
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A.I.I.M.S., New Delhi-110029

To whom it may concern

This is to certify that Thermo Scientific™ Multiskan Sky™, quoted by us is an Article of proprietary nature, and we are the original manufacturer of the said item. This Multiskan Sky item is solely manufactured by us with following features and not by anyone else in the entire country/ world.

- Multiskan Sky can be used as stand-alone system without computer and also able to run with computer controlled SkanIt™ software.
- Instrument is able to read 16 low volume samples of 2µl-10µl using low volume analysis plate for DNA/RNA purity & concentration or protein concentration with stand-alone mode.
- Stand-alone mode using 7-inch touch screen for quick usage.
- Data storage of more than 400 000 end point measurements with single wavelength (measurement of 400 000 pc. of 96-well or 384-well plates).
- Four USB ports to PC and other data transfer devices and one Ethernet port for cloud connection
- Data access from anywhere via cloud capabilities, wired or wireless network connection. Able to connect Wi-Fi dongle
- Instrument is able to provide the wavelength range from 200 nm to 1000 nm with 1 nm steps.
- Spectral scanning speed: 10 s from 200 to 1000 nm with 1 nm steps per sample.
- Photometric Bandwidth: < 2.5 nm
- Xenon flash lamp life time is typically 10 million 96 well microplates.
- The instrument has inbuilt incubation and shaking options for longer time kinetic assays.
- Incubation temperature: from ambient +2 °C to +45 °C.
- Measurement speed: 6 s for 96 well plate and 10 s for 384 well plate
- System has Power Save function for reduced energy consumption when the instrument is 'on' but not in use.
- Visualize data in both numerical mode and heat-map/virtual image of plate.
- Multiple language versions: English, German, French, Italian, Spanish, Portuguese, Russian, Chinese and Japanese
- System is supplied with unlimited user license SkanIt software for the instrument control and data analysis.
- Single software program allow any number of measurement steps (different detection modes) within the program.
- No loss of already measured data even in case of power failure. User need not wait till end of the protocol to save the data file.
- Software has option for area selection, i.e. different protocols at different area of the same plate for applications such as differential reading or reading in different intervals within same plate.
- This product is certified as per CE/ IEC guideline.

For Thermo Fisher Scientific Oy

Arja Lamberg
Sr. Product Manager
Microplate Readers and Washers
Imaging, Labeling and Detection



Handwritten signature
Dr. NANDITA GUPTA Ph.D.
Prof. of Endocrinology & Metabolism
Dept. of Endocrinology & Metabolism
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