



ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110029
Stores Section (DO)

Tender Ref. No.XX-09/SO(DO)/ENDO/PAC/24-25/M&E

Dated:-03/12/2024

Subject: - Procurement of "Auto Analyzer ImmunoAssay (chemiluminescence based), from M/s SBS Medicare (OEM, M/s Diasorin S.p.A Germany) Qty. - 01 No." on PAC basis for the department of Endocrinology & Metabolism.

The request has been received from department of Endocrinology & Metabolism for purchase of **Auto Analyzer ImmunoAssay (chemiluminescence based) from M/s SBS Medicare (OEM,M/s Diasorin S.p.A Germany) Qty. - 01 No.** on Proprietary basis along with technical specifications, OEM Propriety Certificate and Departmental PAC Certificates.

The above documents are beaing uploaded for open information to submit objection, comments, if any, from any manufacturer regarding proprietary nature of equipment /item within issue of 15 days giving tender reference No. XX-09/SO(DO)/ENDO/PAC/24-25/M&E. The Comments should reach to the office of Sr. Store Officer (DO), Stores Section (DO), 1st Floor Animal House Building, Near Gate No.02, AIIMS New Delhi-110029 on or before 18/12/2024 up to 04:00 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.


Sr. Stores Officer (DO)

Enclose: related documents

1. PAC Certificate
2. Technical Specifications
3. Performa Invoice

DiaSorin S.p.A.
Via Crescentino, snc
13040 Saluggia (VC) Italy
tel. +39 0161 487 526/947
fax +39 0161 487 670
www.diasorin.com

Saluggia, June 19th, 2020

PROPRIETARY ARTICLE CERTIFICATE (PAC)

We, DiaSorin S.p.A., located at via Crescentino, snc, 13040 Saluggia (VC) – Italy, hereby certify that to the best of our knowledge, the items below:

LIAISON® Analyzer (Ref. 9450200)
LIAISON® XL (Ref. I0050)

are manufactured for DiaSorin by *Stratec SE*, Gewerbestrasse 37, 75217 Birkenfeld – GERMANY.

There is no other option of the Laboratory except to Purchase this item(s) as it is having unique feature which is essential for R&D Job and which is not available in any other similar equipment. We shall be held responsible in case the certificate is found to be incorrect.



Dr. Barbara Belluati
Quality Assurance Director Italy
DiaSorin S.p.A.

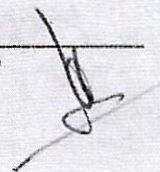


डॉ. निखिल टंडन एम.डी., पी.एच.डी.
Dr. NIKHIL TANDON M.D., Ph.D.
आचार्य एवं अध्यक्ष/Professor & Head
अन्तःस्त्राविकी एवं चयापचय विभाग
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A.I.I.M.S., New Delhi-110029

Cap. Soc. € 35.000.000,00 - REA 180729 - Cod. Fiscale e Iscrizione Reg. Imprese di Vercelli 13144290155
Sede Legale in Saluggia - Via Crescentino, snc

डॉ. आशुतोष कुमार आर्य, पी.एच.डी.
Dr. ASHUTOSH KUMAR ARYA, Ph.D.
अध्यक्ष आचार्य/ASSISTENT
अन्तः स्त्राविकी एवं चयापचय विभाग
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Dept. of Endocrinology & Metabolism
All India Institute of Medical Sciences

Dated: 14th Sept. 2024

Proprietary Article Certificate
(Machinery & Equipment)

- (i) The indented goods are manufactured by **M/s Diasorin S. p. A., Germany.**
(ii) Item Name – **fully automated immunoassay systems: enzyme linked fluorescent assay (ELFA)/ chemiluminescence enzyme immunoassay (CLEIA)/ electrochemiluminescence immunoassay (ECLIA)**
(iii) Model No. – **Liaison XL Compact**
(iv) Vital Technical Performance Parameters required which makes the requirement proprietary
A. Diasorin 'LIAISON' XL autoanalyzer has hormone assays not available on any other autoanalyzer that are essential for our patient care.

Besides having all the regular hormone assays Diasorin 'LIAISON' XL autoanalyzer has 6 hormone assays which are essential for our Indoor and OPD patient care in the department of Endocrinology & Metabolism which are not available all together on any other autoanalyzer in the market:

- 1,25 (OH)₂ Vitamin D DIRECT assay in serum WITHOUT EXTRACTION
- TOTAL 25 OH Vitamin D (D₂+D₃)
- Fibroblast Growth factor 23 (FGF 23)
- Plasma Direct Renin
- Plasma Aldosterone
- IGF-1

B. Diasorin 'LIAISON' has the only automated direct, and extraction free assay of 1,25 OH vitamin D assay available in the world (patented).

C. Diasorin 'LIAISON' has the only assay for measuring total 25OH vitamin D -having only antibody that cross react with 25 OH vitamin D₂ and 25 OH vitamin D₃ both.

(V). No other make or model is acceptable for the following reason

A. Diasorin 'LIAISON' XL autoanalyzer has 6 hormone assays- 1,25 (OH)₂ Vitamin D DIRECT assay, total 25 OH Vitamin D, FGF 23, Plasma Direct Renin, Aldosterone and IGF-1 which are not available all together on any other autoanalyzer in the market.

B. Essential to purchase Diasorin LIAISON Autoanalyzer to maintain continuity of hormone assay results with earlier reports of Assays done since 2008 on Diasorin analyzer for indoor and OPD patients in our laboratory. This is essential to meaningfully correlate earlier available reports of assays with the current and future measurement of hormones in patients on follow up for correct treatment and interpretation of data for ongoing research thesis and projects in the department.

C. This is essential to correlate assay results in all ranges with the values obtained using the manual Diasorin RIA for 25 OH vitamin D used in our department for 25 years, so continuity of reference to previous data is maintained.

Dr. Ashutosh Kumar Arya, Ph.D.
सहायक आचार्य/Assistant Professor
अन्तःस्त्राविकी एवं चयापचय विभाग
Deptt. of Endocrinology & Metabolism
All India Institute of Medical Sciences, New Delhi-110029

Signature of TSEC
Dr. NIKHIL TANDON M.D. (Genl)
आचार्य एवं अध्यक्ष/Professor & Head
अन्तःस्त्राविकी एवं चयापचय विभाग
Deptt. of Endocrinology & Metabolism

**DEPARTMENT OF ENDOCRINOLOGY AND METABOLISM
ALL INDIA INSTITUTE OF MEDICAL SCIENCES, NEW DELHI**

Dated:-14th August 2024

**TECHNICAL SPECIFICATIONS FOR FULLY AUTOMATED IMMUNOASSAY SYSTEMS:
ENZYME LINKED FLUORESCENT ASSAY (ELFA)/CHEMILUMINESCENCE ENZYME
IMMUNOASSAY (CLEIA)/ELECTROCHEMILUMINESCENCE IMMUNOASSAY (ECLIA)**

1. Fully automated floor model immunoassay analyzer based on chemiluminescence technology.
2. System should have continuous re-loading facility for samples with primary tube sample loading of at least 100 samples.
3. It is essential that the autoanalyzer have all the following hormone assays on its menu
 - a. Direct assay for 1,25(OH)₂ vitamin D in serum samples without extraction
 - b. Total 25OH vitamin D (100% cross reactivity with both 25OHD₂ + 25OHD₃)
 - c. Fibroblast Growth Factor 23 (FGF23)
 - d. Plasma Direct Renin
 - e. Plasma Aldosterone
 - f. IGF-1
 - g. T3, T4, TSH, FT4, Anti-TPO, intact PTH, Calcitonin, Osteocalcin, LH, FSH, PRL, Cortisol, Testosterone, Estradiol, Insulin C-peptide, hGH
4. System should have a throughput of up to 180 tests per hour or more.
5. Autoanalyzer must have onboard refrigeration for reagents.
6. System should have the inbuilt capability of automatic inventory management of reagents.
7. System should have access for loading and unloading of the reagents without interrupting the analyzer functioning and sample processing.
8. System should have the facility to use varying sample tube types with diameters ranging from 6 mm to 15 mm.
9. System should also have a facility to customize and use non-standard sample cups and tubes.
10. System should have an inbuilt or external barcode reader to read multiple barcode types.
11. System should be able to perform assays in random access and batch mode with STAT function.
12. System should have an inbuilt facility of mixing reagents
13. The calibrators must be an integral part of the assay kit, and no separate calibrator needs to be procured.
14. Should have the option to connect to the data management system, remotely view and control the analyzer through bi-directional interfacing, and be compatible with the existing LIS at AIIMS, New Delhi.
15. Data management should be PC-based, with the latest Windows 11 or advanced, a minimum 1TB hard disk, and an LED monitor (15 inches or more). It must also be compatible with the instrument.

16. System should be supplied with a LaserJet colour printer and UPS with at least half an hour of power backup.
17. **Warranty:** Five years comprehensive warranty. Firm must quote a 5-year comprehensive annual maintenance cost after warranty period.
18. The firm should provide the rate list for all the consumables, reagents, kits and accessories for a 10-year contract (period of comprehensive warranty plus CAMC). In the future, if any new test is added to the battery of tests, that shall also be covered in terms and conditions of the contract.
19. The prices of Quality Controls "Manual or Automatic" are to be quoted for ten years, considering that two levels of QC will run daily. The Controls should be quoted for all the mandatory parameters. Calibrators and other consumables required for processing the samples as per the mentioned workload should be quoted separately or provided free of cost.
20. The vendor should provide periodic software updates to ensure the optimal functioning of the machine, and new software that comes in future for the quoted machine shall also be provided for the entire 10-year contract.
21. The vendor must provide complete 24x7 support for transferring data from the system to the existing LIS at AIIMS, New Delhi.
22. Specific electrical requirements, if any, should be spelt out in the document.
23. Penalty clause: Maximum downtime of equipment would be 24 hours. However, downtime in case of breakdown of equipment would not be more than two hours. Failure to comply would attract a penalty of Rs1000/hour.
24. It is certified that the specifications of the Immunoassay autoanalyzer are of generic nature and broad parameters and do not favour any particular company/firm.

Dr. Nikhil Tandon

डॉ. निखिल टंडन एम.डी., पी.एच.डी.
Dr. NIKHIL TANDON M.D., Ph.D.
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Dr. Bindu Kulshreshtha

Dr. Bindu Kulshreshtha
Professor & HOD, अन्तःस्त्राविकी एवं चयापचय विभाग
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Sh. Rakesh Kumar

राकेश कुमार/RAKESH KUMAR
उप महानिदेशक (संज्ञिकी)/Deputy Director General (Stat.)
स्वास्थ्य सेवा महानिदेशालय/Dte. G.H.S.
स्वास्थ्य और परिवार कल्याण मंत्रालय
Ministry of Health & Family Welfare
भारत सरकार/Govt. of India
निर्माण भवन, नई दिल्ली/Nirman Bhawan, New Delhi

Dr. Jitender Sodhi

डॉ. जितेंद्र सोदी/Dr. Jitender Sodhi
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Dr. Shyam Prakash

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अखिल भारतीय आयुर्विज्ञान संस्थान, नई दिल्ली/AIIMS, New Delhi-29

Dr. Ravinder Goswami

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डॉ. कृष्णा बिश्वास
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आचार्य एवं अध्यक्ष/Professor & Head
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VMMC & Safdarjung Hospital, New Delhi-110029

SBS MEDICARE

Date : 24/05/2024

To
The HOD,
Department of Endocrinology,
AIIMS,
New Delhi.

Sub: Commercial offer of Fully Automated Immunoassay Analyzer Model "LIAISON-XL"

Dear Sir,

We sincerely acknowledge your interest in our range of Immunoassay analyzer Model "LIAISON-XL". As desired we are pleased to offer our commercial proposal of "LIAISON-XL" for your esteemed institute.

Sr. No	Description	Quantity	Unit Price (INR)
1.	DiaSorin LIAISON XL with below specifications: <ul style="list-style-type: none"> Fully automated Flash Chemiluminescence analyzer Random access and or batch analysis system Continuous Loading of samples, reagents, sample tips, liquid and reaction cuvettes at any moments Analyser throughput 170 tests/hour or more 25 position cooled storage for reagents integrals + 4 position cooled storage for reagent ancillaries 120 samples positions (12-position sample racks in a 10 lane sample area) Reagents are in integral form Reagent cooling at $13^{\circ}\text{C} \pm 2^{\circ}\text{C}$ Reagent integrity control by RFID Automatic inventory tracking and updating to integral RFID tag Tracking of calibration validity and on-board stability STAT may be assigned to any position in the sample area Sample type: serum/ plasma/ urine/ stool/ CSF Touch screen monitor with integrated keyboard Uses disposable tips to prevent carryover Detection of sample depletion, clots and air bubbles Aspiration / Dispensing verification Pneumatic based level sensor Automated reflex testing and auto-rerun to ensure accuracy of results System informs the user when maintenance is due Continuous loading up to 120 tubes On board cuvette capacity - 1000 Different reagent integrals or multiples of the same assay can be loaded simultaneously Sample racks are 6 mm to 15 mm internal diameter upto 100 mm height 	01 No.	69,00,000/- (Rupees Sixty Nine lakh only)

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

आचार्य एवं अध्यक्ष/Professor & Head

अन्तःस्त्राविकी एवं चयापचय विभाग

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Dr. ASHUTOSH KUMAR ARYA, Ph.D.

सहायक आचार्य/Assistant Professor

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SBS MEDICARE

- ❖ Walk-away time : approximately 6 hours
- ❖ Double reservoirs for liquid waste
- ❖ Solid wastage capacity – 2500 disposable tips & cuvettes
- ❖ Microsoft Windows operating system with 17 inch diagonal LCD touch sensitive screen with internal PC
- ❖ Possibility of evaluation, validation and release of results prior to printing or LIS reporting
- ❖ Long time monitoring including L-J graphs covering Westgard & RiliBAK rules
- ❖ Remote service access is available
- ❖ Operating humidity: 10% - 85%
- ❖ Dimension: Height: 150 cm, Width: 150 cm & Depth: 90 cm
- ❖ Weight: 300 Kg
- ❖ Noise: 63.9 dBA at operator normal position
- ❖ Should have direct Renin and Aldosterone tests kits with control
- ❖ US FDA approved system

Plotting Rajendra Place, New Delhi- 110 008
 Email: medicaresbs@gmail.com
 sbmedicare@hotmail.com

Please find below the terms & conditions:

1. GST @ 18% will be charged extra as applicable.
2. Supply: Supply in 4-8 weeks from date of receipt of confirmed order.
3. Payment Terms: 100% advance along with confirmed order.
4. Warranty: Five years from the date of installation.
5. AMC/CMC would be charged extra as applicable.
6. Installation & Training: Will be done free of cost on site.
7. Validity: -The above offer is valid for next 90 days.

We are sure that our offer would meet your expectations. Looking forward to your valued order.

Thanking You,

Sincerely Yours,



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Naresh Sharavat

For SBS Medicare



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