

 सत्यमेव जयते	ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA JODHPUR ROMANA, MANDI DABWALI ROAD, BATHINDA, PUNJAB- 151001 ਅਖਿਲ ਭਾਰਤੀ ਆਯੁਰਵਿਗਿਆਨ ਸੰਸਥਾਨ, ਬਠਿੰਡਾ ਅਖਿਲ ਭਾਰਤੀ ਆਯੁਰਵਿਗਿਆਨ ਸੰਸਥਾਨ, ਬਠਿੰਡਾ PROCUREMENT CELL	
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No. AIIMS Bathinda/Procurement/NOC/1608

09 Jan 2023

**Subject: Purchase of "Dual Energy X-Ray Absorptiometry Scanner" on Proprietary basis-
Inviting Comments thereon.**

The request received from Department of Endocrinology and Metabolism, AIIMS Bathinda for the purchase of captioned Item from **M/s ADS Diagnostic Ltd., 114, Sant Nagar, East of Kailash, New Delhi – 110065**, authorized distributor of **M/s Hologic, Inc., 250 Campus Drive, Marlborough, MA 01752 USA** - on Proprietary basis.

The Notice is being uploaded for general information of Aspirant Manufacturer/Dealer/Distributor to submit their objections/proposal, if any, on proprietorship of this item.

In case, the product of any Manufacturer/Authorized distributor/dealer conforms to the enclosed specifications, they may submit their proposal for the supply same Equipment along with the following: -

- Equipment brochure
- Point-by-Point compliance of the enclosed specifications, along with all relevant documentary evidence:

The objection/proposal should be sent in sealed cover to the **OIC, Procurement Cell, First Floor, C-Block, Admin. Building, AIIMS Bathinda, Mandi Dabwali Road, Bathinda - 151001** so as to reach on or before **24 Jan 2023 up to 12:00 PM.**, failing which it will be presumed that no any other vendor is interested to offer comments/protest and case will be decided accordingly on its **merit**.

The reference number should be super scribed on sealed envelope.

Akhilesh Pathak
9-1-23

Prof. (Dr.) Akhilesh Pathak
OIC, Procurement Cell

Enclosed: 1. PAC Certificate
2. Authorization Letter
3. Technical Specifications

HOLOGIC

Proprietary Article Certificate (PAC)

25 November 2022

Dear Sir,

We hereby confirm and certify the Bone Mineral Densitometer (BMD) system "Horizon A" offered by M/s. Hologic, Inc., has unique features, which are not offered by any other Bone Mineral Densitometer system available in the market today.

The system "Horizon A" has the following unique features:

- Supine lateral BMD and vertebral fracture assessment for optical diagnostic sensitivity
- SE femur for detection of incomplete atypical femur fracture
- 216 multi element high resolution digital detector array
- Motorized table and rotating c-arm

Hence, the bone mineral densitometer system with the above unique features is the proprietary product of Hologic.


Yours Sincerely,

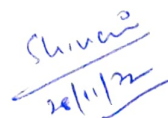


Michelangelo P. Stefano

Authorized Representative

250 Campus Drive, Marlborough, MA 01752 USA | +1 508.263.0000 | Hologic.com


Dr. M. Akhtar (MD)
Associate Professor & Head
Burns & Plastic Surgery, AIIMS
Bathinda


26/11/22

DR. SHIVANI
Assistant Professor
Dept. of Endocrinology & Metabolism
AIIMS Bathinda

HOLOGIC

Letter regarding distributor appointment

Through this letter, we, Hologic Inc., registered office located at 250 Campus Drive, Marlborough, MA 01752, U.S.A. ("Hologic"), legal manufacturers of Hologic Digital Mammography, Bone Densitometers Products and Breast Biopsy Devices hereby declare that it has concluded with ADS Diagnostic Ltd., 114, Sant Nagar, East of Kailash, New Delhi - 110065, India ("Distributor") a Distribution Agreement from 01 October 2022 until 30 September 2023, for the Territory of India ("Territory").

We, Hologic Inc. hereby confirm that subject to the terms and conditions of the Distributor Agreement or until revocation of this letter ADS Diagnostic Ltd. is authorized promote, sell, service and distribute to customers in the Territory, for the following Hologic products :

- Digital Mammography products
- Bone Densitometer products
- Breast Biopsy devices

The Distributor, M/s. ADS Diagnostic Ltd. acts as an independent contractor. All statements and obligations made or undertaken by the distributor shall be done in Distributor's own name and responsibility.

Regards

HOLOGIC

V Venkatraman
Commercial Director
Hologic, South Asia

DR. M. ALTAF MIR
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Dept. of Burns and Plastic Surgery
AIIMS Bathinda

DR. SHIVANI
Assistant Professor
Dept. of Endocrinology & Metabolism
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DR. RAJESH KUMAR MAURYA
Assistant Professor
Dept. of Burns and Plastic Surgery
AIIMS Bathinda

Technical Specifications for Dual Energy X-Ray Absorptiometry (DEXA) – One Unit (216 detectors)

Scanner Hardware and Acquisition Technology

- i. One pass Acquisition Technique; Multi-Detector Array Scanning Method
- ii. 216 Multi elements High-resolution Digital Detector Array. Please specify the technology used.
- iii. High Frequency X-ray Generator
- iv. Fan beam technology for faster acquisition
- v. X-ray System Switched-pulse dual-energy for dual energy scanning.
- vi. Indexing Scan Table with Positioning Accessories
- vii. Motorized Table and Rotating C-arm
- viii. Dynamic Internal Reference System for Continuous Calibration
- ix. Computer Console.

Quality Assurance

- i. Automatic PASS/FAIL Quality Control
- ii. Express BMD in 10-15 Second Acquisition for spine and hip studies
- iii. Single Energy Scan Display Capability should be available
- iv. Window/Level Control for Image Optimization
- v. Express Exam Workflow Management
- vi. One Time Auto Analysis with Histogram
- vii. Capability to draw outline of vertebrae automatically should be available.
- viii. Auto Hip Positioning capability
- ix. Reposition/Rescan Feature
- x. Automatic Scan Comparison for Serial Exams
- xi. Least Significant Change Configuration
- xii. Automatic calibration using internal reference system
- xiii. Automatic quality control program with multiple system checks.

Clinical Applications

- i. AP Lumbar Spine with Automatic Low Density Analysis and Scoliosis Analysis
- ii. Supine Lateral Spine with Baseline Compensation
- iii. Proximal Femur, Automatic Low Density Analysis and Hip Structure Analysis (HSA) Feature
- iv. Dual Hip Feature
- v. Forearm examination feature
- vi. Whole Body BMD
 - Advanced Body Composition Analysis with InnerCore
 - Visceral Fat Assessment.
- viii. IVA HD with Image Pro High Resolution Imaging Capability
 - Quantitative Morphometry
 - Capability to automatically grade vertebral deformity and communicate this data directly to reporting software.
- ix. Atypical Femur Fracture Assessment (AFF) High Resolution Imaging Capability
 - x. Pediatric Analysis for Spine, Femur and Forearm
 - xi. Pediatric Whole Body with Body Composition Assessment
 - xii. Small animal package.
 - xiii. Infant whole body.

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Radiation Dose

- i. < 0.10 mGy

Connectivity/Reporting Tools

- i. Report with Rate of Change Assessment
- ii. FRAX 10 Year Fracture Assessment feature
- iii. Dual Hip Report capability
- iv. IVA/VFA
- v. Integrated physicians report writer™ DX Feature

Stadiometer and weighing Scale

Imported digital stadiometer and electronic weighing scale with minimum weight capacity OF 200kg

Reference Data

- i. Reference Data n > 18000
- ii. Default NHANES III Standardized database
- iii. Age, Sex and Ethnic matched reference data

Computer Hardware

- i. Computer Workstation with Dual Core 3 GHz
- ii. Windows® 10 Professional
- iii. 1 TB hard drive
- iv. RAM • Minimum 4GB
- v. DVD RAM Drive
- vi. 19" Widescreen LCD Monitor
- vii. Colour laser printer.
- viii. Online 3 KVA UPS with minimum 30 minutes battery backup for the entire system including operation of DEXA machine, computer and printer.

Trabecular bone scoring Software

TBS Software (Single license) with calibration phantom with hardware and software compatible for TBS with DICOM Options for TBS. Vendor to supply this software to be used for bone micro architecture evaluation from bone densitometry examinations.

Warranty & C-AMC

- Standard 05 Years Warranty. This will cover all the items including DEXA (including detectors, cable and scanner components), UPS, Computers, Software and all the work done under turnkey etc. After the warranty over, C-AMC for next 05 years on hospital terms and conditions to be submitted by Vendor.
- Vendor will provide free of cost any new software available for this platform in the next 10 years.

Application Training

- On site application training for 05 days.
- Time to time training of technician as per the requirement.

Manpower

Provision of technician for minimum first year of installation

Mandatory Requirement:

Offered model should be USA FDA and CE approved

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Other Requirements:

- 20 tonne Air conditioning or equivalent cooling to be provided by contractor.
- The machine should not be interrupted from functioning due to technical reasons covered under warranty. Furthermore, the time duration of interruption should not be >5% of total time in a year when machine is being serviced or repaired.
- Consumables to be quoted and price fixed for 5 years.

Shivani
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[Signature]
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