Notice Inviting e-Tender

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Supply and Commissioning of DEXA Based BMD System for Dept. of Clinical Immunology and Rheumatology at I.P.G,M.E & R and SSKM Hospital, Kolkata

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-807/2025	**Dated-19.09.2025**

Amendment I

Revised Technical Specification

Dexa Based BMD System

1. Clinical applications :

- Adult : AP spine , Femur, Dual femur, Forearm, supine forearm, Total body BMD, Dual – energy vertebral Assessment (DVA) / vertebral fracture assessment , Fracture risk assessment tool : FRAX , Total body and regional tissue quantification, Advanced Hip Assessment (AHA) / Hip morphometry.
- Body composition images, Resting Metabolic Rate calculated from Fat free mass or manual entry, relative skeletal Muscle index, ability to measure total body water (TBW) ,
- Estimates the VAT (Visceral Adipose Tissue) and SAT (Simultaneous Adipose Tissue) mass, volume and area within the android region displayed in user- defined statistical and trends.
- Pediatric: Spine, Femur, total body – TBLH. Core scan (Visceral fat quantification)

2. Other features of the machine:

- Daily quality Assurance with complete testing, evaluations and trend graphs for body parts including whole body should be available.
- Scan repositioning from the computer with visual control should be available in case if it is required
- Graphical reference comparison including WHO criteria (If applicable), Complete set of regional reference data and also custom Reference should be available.
- Lateral BMD spine measurement and analysis provides an estimate for the lumbar spine.
- Capable of future upgrade to Multi –user Database (1-40)
- Must have TBS software with lifetime licence with/without repositioning the patient. This parameter must be demonstrated in front of Technical Expert during physical demonstration
- Adjustable/Fixed patient table top, start position indicator.

3. Detector:

- High – definition detector (high resolution / direct digital detector) multi element.
- Previous scan image comparison
- Automatic metal detection or metal implant detection software
- Image preview
- Fan beam technology

4. Computer specification: 3.4 or more GHZ intel core i3 /i5 or upgraded processor, Windows 10 professional 8 GB RAM, 1TB Hard disk, DVD-R drive, 21 inch or more HD / UHD/ LED monitor.

5. Regulatory body approval : Valid CDSCO Certificate License (MD-5 or MD-9) for the manufacturer(s) & Registration Certificate from CDSCO(MD-15) for the importer(s) as applicable.

6. For the buyback of existing 1(One) No. of Dexa Based BMD Machine, vendors should quote the separate price for same. The prospective bidders can check the present condition of the equipment. The selected bidder has to take back the existing Dexa Based BMD Machine and the aforementioned items on "as is where is" basis.

Buy back value will be deducted from the L1 bidder against the Payment of base price