

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-29
STORES SECTION (DO)

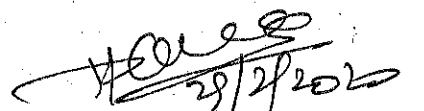
Ref. No. 51/Stores(DO)/Path/PAC/2019-20/FSC-I Dated-29/02/2020

Sub:- Purchase of "Fully Automated Computerized archival system for Paraffin blocks in Histopathology Archival room -01 No." for the Department of Pathology at AIIMS, New Delhi-110029, on proprietary basis. Inviting comments thereon.

The Institute is in the process to purchase "Fully Automated Computerized archival system for Paraffin blocks in Histopathology Archival room -01 No." for the department of Pathology at AIIMS, New Delhi from M/s. Eprelia (Shandon Diagnostic Ltd.), U.K. The PAC Certifications by M/s. Eprelia (Shandon Diagnostic Ltd.), U.K. as well as the user 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 equipment/item within 15 day from the date of issue/uploading of the notification giving reference No. 51/Stores(DO)/Path/PAC/2019-20/FSC. The comments should be received in office of Stores Officer (FSC), Store Section (DO), Animal House Building, Near Biotechnology Building at AIIMS on or before 17/03/2020 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.


Yours faithfully,



SR. STORES OFFICER (DO)

Fully Automated Computerized archival system for Paraffin blocks in (1.60 crore)
Histopathology Archival room, at the department of Pathology, AIIMS, New
Delhi Dr PRASENjit DAS

1. Fully automated Block Sorting and archival system for archival and storage of the histopathology tissue blocks, which excludes errors of manual sorting and archival system in Histopathology record room No 1065, at the Department of Pathology, AIIMS, New Delhi, measuring L X W x H : 18.5 X 14 X 10 Feet.
2. The room mentioned would be installed with a mechanical compactor system. The block archival system being mentioned to be installed within the compactor system.
3. The racks which will store the standard universal size paraffin blocks should be supplied by the vendor, which should be fitted into pre-installed mechanical compactor racks. All co-operation regarding measurements during installation of the compactor racks by the user department is required from the supplier of the archival system.
4. After installation of the archival system, the room mentioned above should hold more than 20 lakh paraffin blocks in the first phase.
5. All installations should be rust and fungus proof.
6. All trays and fixtures should be supplied by the vendor and installation should be done.
7. The automated archival system should be supplied with the following accessories: cassette printer (ONE), composite block scanner (ONE), PDA devices (TWO) and others as necessary.
8. The cassette printer should be of compact size, high-quality and should use permanent black type ink- 300 dpi printed 2-D barcodes. The barcode stickers should be moisture proof. The printer should have Print-On-Demand Capabilities. The trays should also be barcode.
9. The barcode scanner should be able to scan the blocks kept in designated archival trays in bulk.
10. User-friendly software should be provided with the provision of manual interphase and modification. The software should be password protected. It should be able to track and document the position of the blocks, any person interference, the reason of interference and estimated time of block/ slide return

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11. The system should be capable to scan at least 1000 blocks each day and record their location on daily basis on the accompanying server.
12. Automatic updating of the block position should be done after every scanning.
13. An immediate alert system should be available when blocks are out of the system longer than anticipated time. There should be a provision of manually enter the block issuing persons for routine review and clinical research.
14. The unit should be configured to secure storage data in the accompanying server for safety.
15. Should be operable at a temperature of 15 °C to 40 °C and humidity < 90%.
16. Each drawer kept in the compactor storage racks should also be barcoded for easy fast retrieval of blocks.
17. All fittings, installation, the demonstration should be the sole responsibility of the supplier. Rustproof durable metals/ plastics, where applicable should be used. Powder coated finish should be there.
18. The barcoding would include the pattern of numbering used in the department at present and any change made would be done only in consultation with the department.
19. The price quoted should include transport charges, excise duty @12.5%, CST @13.5%, installation charges, service tax @15%, commissioning charges and any other applicable Govt. charges.
20. Any waterproofing needed before the installation in the mentioned room, either on the floors, walls or on the ceiling above should be the responsibility of the supplier.
21. The vendor should be responsible for one time archiving of the paraffin blocks under the supervision of departmental staff designated by competent authority for adequate use of space, at no extra cost to the user department. This may take 2 months and approximately 4 staff will be required to work during official hours. This will also ensure the smooth functioning of the installation.
22. The archival system should be supplied along with a server with following configurations to store all data independently in a safer manner. The price for the server and computers should be included in the final quoted price and should be quoted as optional items:

Server (ONE):

Server (ONE):

P. [Signature]

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instruments. The installer should also quote 5-year maintenance contract for next 5 years along with the price of the installation (Not optional).


25. **Demonstration:** All demonstrations required in a group or individually as required by the user department, as and when asked, would be the sole responsibility of the supplier. All demonstrations should be given on-site.

26. **Penalty clause** would be applied at a rate of 2% of machine cost/ day, if it remains at not working condition for >3 days, and also if the vendor fails to deliver the equipment ordered within the specified time as appropriately decided by the institute at a rate decided by the purchase committee.

27. Undertaking from the specification committee stating that the specifications are broad-based, general in respect to the requirement and not suit to any particular firm/brand.

List of Consumables required for life time's whose rates are needed to be fixed for next another 5 years (life of instrument) after expiry of the 5-year comprehensive warranty clause:

1. Trays/ racks for archival of the blocks.
2. Cassette printer
3. Composite block scanner
4. PDA devices for bar code reading
5. Cartridges for bar code printing
6. Software upgradation after expiry of 5-years warranty
7. Server of same specification as above or of latest configuration including anticipated advancements for future use after lapse of warranty
8. Desktop terminal units of same specification as above or of latest configuration including anticipated advancements for future use after lapse of warranty
9. Block printing Chutes
10. Block cassettes compatible with the machine

P. Sankar

Sankar

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AR Anandho
Raj
15th Nov

Sankar

Sankar

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES,
ANSARI NAGAR, NEW DELHI- 110029

Proprietary Article Certificate (PAC) (Machinery & Equipment)

- (i) The indented goods are manufacture by **M/s Epredia (Shandon Diagnostic Limited, UK) Part if PHC**

Holding

- (ii) Item Name: **Tissue Sample management systems**

- (iii) Model No: **Arcos**

- (iv) Vital Technical Performance Parameters required which make the requirement proprietary:

Arcos provides the platform for digital management of paraffin block inventory with automated barcode scanning in-out procedure, password and access right protection, audit-trail report, flexible storage and expandable database. Its tracks and control the movement of every block. The Arcos system will scan and record the positions of every block in the tray.

- (v) No other make or model is acceptable for the following reasons: **It is Patented Technology and no other company of firm having this kind of product world-wide.**

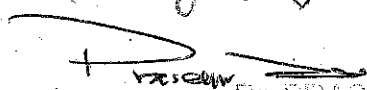
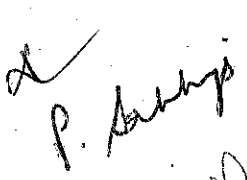

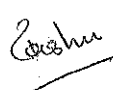
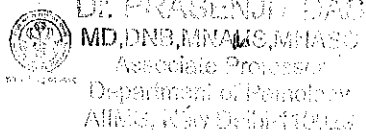
It is certified that market survey has been done and found that no other manufacturer is manufacturing similar/equivalent specifications which can fulfil the vital requirements of end user.

Signature of TSEC

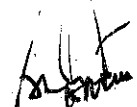
With Name, Designation, Department and Hospital/Institute/DGHS

Note 1: TSEC should clearly mention the vital functional parameters requirements which end user essentially require and are manufactured by only one manufacturer mentioned serial no. (i)

Members Sign ↓


















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**ALL INDIA INSTITUTE OF MEDICAL SCIENCE
ANSARI NAGAR, NEW DELHI-110029
PROPRIETARY/SPECIFIC BRAND GOODS CERTIFICATE**

Justifications of Proprietary Feature.

Department of Pathology has an excellent lean set-up for optimum laboratory throughput. This includes implementation of a triple line processing path and through the day processing using multiple tissue processors. Each block is sectioned, checked, sorted, filed and then archived. Previously, and in line with common practice in histology laboratories, department used cardboard boxes to store patient blocks. An average of over 1000 blocks per day meant that this was a very labour intensive and risk laden process, as misfiling a patient block can have significant implications for patients further downstream. Additionally, a typical block can be recalled a number of times over its lifetime, and the manual process of ordering the blocks numerically further adds to the burden and increases the potential for error.

The Proposed equipment - All blocks are labelled with unique identifier – an accession number- which is used to identify patient cases. 2-D barcodes on the blocks encrypt the accession number. Blocks are also scanned upon sectioning, and the unique barcode is also printed onto the slides for continued traceability throughout the workflow.

The Arcos uses a system of filling block in durable plastic trays, each identifiable by a unique bar code. At the end of the shift, or when the tray is filled it is simply inserted in the scanner. Each block is scanned, photographed and recorded in a database and the tray can be placed in purpose designed cabinets. User selectable locations can be created in the system to map the exact location of cabinets and trays. As the trays and blocks are all barcoded for complete traceability, and all data is stored in the system they do not need to be manually sorted out. Up to three different location series can be created – such as laboratory, store room and basement archive so that trays can be reassigned as required when no longer needed.

An important security aspect of the Arcos system is that block locations are not obviously apparent (such as from dates marked on cardboard boxes). This helps to prevent unauthorized removal of blocks from the trays. Any removal must be carried out by identifying the required block and scanning it out using the associated PDA (Personal Digital Assistant). This can only be done in a very formalized way, increasing the traceability and security of the patient specimens. Upon scanning out a block, the identity of the pathologist and the reason for removing the block must both be entered, as well as the expected date of return.

The Arcos system features “3+3 Security of Data”, including triple data back-up within the scanner, computer and the facility network. Universally readable back-up systems mean that there would never be an issue of losing location data. There is also a triple tier security level – comprising User, Manager and Administrator.

Signature of Indenter
(Demanding Officer)

COUNTERSIGN
(Head of the Department)

I certified 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.

Member's Sign



Dr. PRASANT DAS
MD, DNB, MHAUS, MNASC
Associate Professor
Department of Pathology
AIIMS, New Delhi-110029

AR Indhe

Sharma

Indhe

P. Sahni
Sankar Ray
Raj

(M) P
Sankar

Date 7 Jan 2020

Proprietary Certificate
Arcos Tissue Block Management System

To whomsoever it may concern:

We, Epredia (Shandon Diagnostic Ltd.), United Kingdom are hereby declare and confirm that we are the sole legal manufacturer of Arcos Tissue Block Management System (B84700001) and its related accessories.

Features:

1. Arcos provides a platform for digital, automated management of paraffin block inventory with automated barcode scanning, secure in-out procedure, password and access right protection, audit-trail reports, flexible storage options and expandable database.
2. It tracks and controls the movement of every block.
3. The Arcos system will scan, photograph and record the position of every block in the tray in about a matter of minutes. Actual scan time varies depending upon quality of block barcodes.

Yours sincerely,



Andrew Dunn

Sr. Global Portfolio Manager, Diagnostics and Archiving

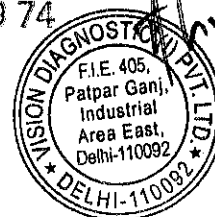
SHANDON DIAGNOSTICS LTD

TUDOR ROAD, MANOR PARK

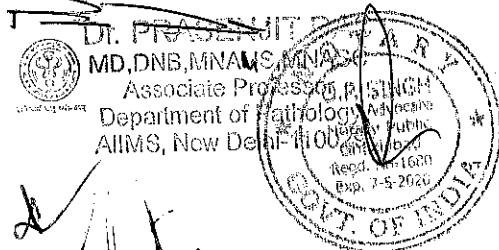
RUNCORN WA7 1TA

TEL: +44 (0) 1928 534000

VAT Reg. No. GB876 3299 74



Member Sign -



TRUE COPY ATTESTED

O.P. SINGH
Advocate
Regd. No-1600
Notary Public
Ghaziabad

www.epredia.com

- 8 JAN 2020

MANUFACTURER'S AUTHORIZATION FORM

To,
The 'Director'
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029, India.

Dear Sir,

Equipment Name: Arcos Tissue Block Management System

We, Epredia (Shandon Diagnostic Ltd.), United Kingdom, who are proven and reputable manufacturers of **Arcos Tissue Block Management System** having factories at Tudor Road, Manor Park, Runcorn, WA7 1TA, UNITED KINGDOM, hereby authorize Messrs. Vision Diagnostic India Pvt. Ltd, Ground Floor, Plot No. 405, F.I.E., Opp. Bagga Link Maruti Showroom, Patparganj Industrial Area, East Delhi, Delhi-110092 to submit a bid, process the same further and enter into a contract with you against your requirement of **Arcos Tissue Block Management System** manufactured by us.

We also state that we are not directly quoting this equipment for the following reason(s):
because Vision Diagnostic India Pvt. Ltd is our authorized channel partner to quote in this region.

We further confirm that no supplier or firm or individual other than M/s Vision Diagnostic India Pvt. Ltd, Ground Floor, Plot No. 405, F.I.E., Opp. Bagga Link Maruti Showroom, Patparganj Industrial Area, East Delhi, Delhi-110092 is authorized to submit a bid, process the same further and enter into a contract with you against your requirement for the above goods manufactured by us. We also hereby extend our full warranty, CAMC for the goods and services offered for supply by the above firm.

We also hereby confirm that we would be responsible for the satisfactory execution of contract placed on the authorized agent and the spares for the equipment shall be available for at least 10 years from the date of supply of equipment.

We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly.

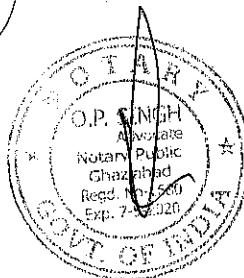
Yours faithfully,

ML



Martin Lui
Regional Product Manager, Asia Pacific
Epredia

M



TRUE COPY ATTESTED

O.P. SINGH
Advocate
Regd. No-1680
Notary Public
Ghaziabad



Signature of Vision Diagnostic India Pvt. Ltd

Signature of Martin Lui

8 JAN 2020