

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

Ref. No. 04/Stores(DO)/BB(Main)/PAC/2021-22/FSC-I

Dated- 28/07/2021

Sub:- Purchase of "RFID Solutions for Blood Storage and Real Time Management of Blood Inventory – 01 No. for the Department of Transfusion Medicine (Blood Bank Main), at AIIMS, New Delhi-110029, on proprietary basis inviting comments thereon.

The Institute is in the process to purchase "RFID Solutions for Blood Storage and Real Time Management of Blood Inventory – 01 No. at AIIMS, New Delhi from M/s. Biolog-id, France through M/s. Vinay Brothers Diagnostic, New Delhi. The PAC Certifications by M/s. Biolog-id, France 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. 04/Stores(DO)/BB(Main)/PAC/2021-22/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 16/08/2021 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)

Encl: Related documents enclosed.

RFID Solutions for Blood Storage and Real Time Management of Blood Inventory (on Proprietary basis)

1. The intended use of the RFID solution is to provide a system for storage of red blood cell components which will allow the real time monitoring of the unit along with its temperature monitoring. This will in turn allow the user to monitor inventory in real time.
2. The system should provide a complete set up with storage cabinet for individual red cells in easily accessible storage modules for up to a maximum of 2000 red cells in the cold room. In addition to the cold room a blood bank refrigerator fitted with the system with storage capacity of 150-200 red cells should be quoted.
3. The system should be capable of functioning at 2-6-degree Celsius temperatures.
4. Installation of RFID Storage devices should be reversible upon need with no impact on cabinet integrity of the original blood bank refrigerator
5. The smart storage device should provide information in real time - local and remote monitoring
6. The smart storage device should display indication of free locations in refrigerators for placing new inventory
7. It should have facility to update the inventory automatically and provide information in real time. The information must be accessible blood group wise as well as date wise.
8. The system should have a facility to alert the user of units near outdate or any unit out of temperature for a specific period of time.
9. The system should be quoted with compatible RFID smart tags which should allow encoding relevant testing information of the unit and intended recipient. These should be able to withstand temperatures of 2-6-degree Celsius
10. Integration of existing bar code labels with the RFID tags or bar code provisioning of the RFID tags showing information currently visible over existing bar codes should be possible and shall be done by the participating firm.
11. Bar code/ RFID printers (4 in number) required for and conforming to the need of the system should also be quoted along with the system.
12. An RFID label encoding-cum-reader device should be quoted and provided with the solution. The device should be able to write and read required information from RFID-labelled tags over the blood bags during distribution and reception
13. The encoding-cum-reader device (4) should have the capability of encoding the RFID labels tag with required donor information (i.e. Donation no., expiration date, blood group etc.) as well as patient information. Reading, writing and overwriting RFID labels should be possible at any time during the blood product life cycle.
14. Data and information management software compatible with the system to facilitate automated monitoring and real time management of inventory should be provided along with the solution. The system should be compatible with and allow a two-way interface with the existing blood bank software for free flow of information.
15. Any networking equipment required for installation and full functioning of the solution as well as interfacing should be provided with the solution.

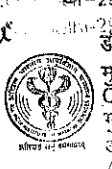
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Medical Superintendent
A.I.I.M.S. Hospital
New Delhi-110029

Dr. SUNIL GUPTA
Additional Director General
Directorate of Health & Family Welfare
Government of India
New Delhi

DR. MAUSUMI
Head of Department
R.P.T.C. (M2) Blood Bank
D.D.U. Hospital
New Delhi

DR. SUNIL KANOA
एम.डी. (पैथोलॉजी)
आचार्य, एम.डी.
Professor Consultant & Head of Department
विश्वविद्यालय
वीएमसी एन
VMMS & S
Dr. Hem Chandra Pandey
महापंक आचार्य/Assistant Professor
विभागाध्यक्ष
Department of Transfusion Medicine
अखिल भारतीय अकादमिक संस्थान A.I.I.M.S.



डॉ. पूनम कौशिक/Dr. POONAM COSHIC
मुख्य चिकित्सा अधिकारी प्रशासकी
Chief Medical Officer in Charge
मुख्य रक्ततंत्र
अ.अ.आ.सी., नई दिल्ली
A.I.I.M.S. Hospital
नियंत्रण एवं प्रशासन

डॉ. पी कुमार/Dr. P. Kumar
सह आचार्य - अस्पताल प्रशासन
Associate Professor - Hospital Administration
भारतीय अकादमिक संस्थान, नई दिल्ली
All India Institute of Medical Sciences, New Delhi

डॉ. सिद्धार्थ शतपथ/Dr. SIDHARTH SATPATHY
आचार्य एवं विभागाध्यक्ष, अस्पताल प्रशासन
Professor & Head of Hospital Admn.

Dr. Tanya
Department of Hematology
A.I.I.M.S., New Delhi-110029

- 16. A dedicated desktop computer with latest specifications at the time of installation and compatible with the data and information management software should be quoted and provided with the RFID solution. Any up gradations in software and computer system throughout the product life will be the responsibility of the firm.
- 17. The software should have provision for security of the patient data, donor data and blood component data and any software including antivirus required for the same should be quoted and provided by the firm.
- 18. The RFID solution should allow addition of extra blood bank refrigerators compatible with the system in future with increase in storage requirements.
- 19. Consumables: RFID smart tags should also be quoted with the product with an annual requirement of around 50000 tags. The tags should have good adhesive property to withstand near zero temperatures without peeling off for at least 42-day period. They should be compliant with ISO norms 15693 / 18000-3. They should be able to withstand centrifugation, sub-zero storage and irradiation with label and data retention integrity throughout storage. They should not affect the quality of the blood component in any way. The consumable price should be fixed at the time of tender as per AIIMS rule.
- 20. The complete RFID solution should be US FDA/BIS/CE (Europe) certified.
- 21. The firm MUST provide certificates of satisfactory performance and service from 3 institutions of repute (Indian/ International) for similar systems.
- 22. The equipment must be able to run on the existing electrical provision. Any additional electrical requirements must be specified by the firm. The installation of all electrical items MUST be in accordance with, but not limited to, the existing guidelines in India. It shall meet IEC-60601-1-2 (Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.
- 23. A stabilizer (if required) and UPS (if required with power back up appropriate to the equipment and able to provide support for at least half hour) MUST be provided to temporarily power the unit in the event of power failure.
- 24. Demonstration of performance for the equipment at the Delhi/ NCR, is mandatory, failing which the vendor will not be considered for the technical evaluation.
- 25. The firm will ensure an uptime of minimum 345 days in a year during warranty period and CMC period. If the down time is exceeded in a year from 20 days, then the warranty shall stand extended by double the no. of days machine was out of order.
- 26. Whenever there is breakdown the firm will attend to the complaint within 24 hours on receipt of such information (either by telephone or by any other means) and will ensure that the repair is completed within a week.
- 27. If there is delay beyond 24 hours in attending the complaint then the firm will be penalized at the rate of Rs 1000/day for each completed day after 24 hours and if the repairs are not completed within a week the firm will be penalized at the rate of 1% of the cost of product per week. This financial penalty can be waived off on recommendation of the concerned department. If the reasons of delay are genuine the same will be recorded in the concerned department.
- 28. Warranty: Comprehensive warranty for 5 years from the date of installation including equipment accessories and stabilizer. Next 5 years comprehensive maintenance contract for both equipment and accessories. The cost of warranty and CMC will be included in the bid.

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Medical Superintendent
A.I.M.S. Hospital
New Delhi-110029

SUNIL GUPTA
Additional Director General
Ministry of Health & Family Welfare
Government of India
New Delhi

Dr. MAUSUM SINHA
Head of Department
D.D.U. Hospital
New Delhi

Dr. POONAM COSHIC
Chief Medical Officer
A.I.M.S., New Delhi

Dr. P. KUMAR
Associate Professor - Hospital Administration
All India Institute of Medical Sciences, New Delhi

Dr. Tulika Sethi
Professor
Department of Hematology
A.I.M.S., New Delhi-110029

29. This is to certify that the above specifications approved by the Specification Committee are broad and general in nature.

Hem Chandra Pandey
Dr. Hem Chandra Pandey
Asst. Professor
Dept. of Transfusion Medicine
AIIMS, New Delhi

P. Kumar
Dr. P. Kumar
Associate. Professor
Dept. of Hospital Administration
AIIMS, New Delhi

Tulika Seth
Dr. Tulika Seth
Professor
Dept. of Haematology
AIIMS, New Delhi

Poonam Coshic
Dr. Poonam Coshic
CMO, In-charge
Main Blood Bank
AIIMS, New Delhi

Sunil Ranga HOD
Dr. Sunil Ranga HOD,
Dept. of Laboratory Medicine
VMMC Safdarjung Hospital
New Delhi
External Expert

Dr. Mausmi Swami SAG HOD
Blood Bank DDU Hospital
New Delhi
External Expert

Sunil Gupta
Dr. Sunil Gupta
Addl. DG (SG)
Nominated by DGHS

Siddhartha Satpathy
Dr. Siddhartha Satpathy
Professor & Head (post facto)
Dept. of Hospital Administration
Chairman SPC

D. K. Sharma
Dr. D. K. Sharma
Medical Superintendent & Prof. & Head
Dept. of Transfusion Medicine
AIIMS, New Delhi

Main Blood Bank, Dept. of Transfusion Medicine AIIMS, New Delhi

Proprietary Article Certificate (PAC) (Machinery & Equipment)

1. The indented goods are manufacture by M/s Biolog-id, France
2. Item Name: RFID Solution for storage of Red Blood Cells include the following components
 Biolog-id smart storage kit SST R 180
 Biolog-id Tabletop encoder/Reader
 Biolog-id Transfusion software Server License – Encoding & Inventory
 Biolog-id smart Storage kit SST R HD 432
 X-match Applplication
 X-Match Application
 Match Desk X-Match Desk
 Handheld Device P II M
 Biolog-id Temperature Monitoring system
3. Model No: The Model number of various components is as below
 PRD_7130200C, PRD_7310008B, LOG_BDS_INV_V13 / LIC_BDS, PRD_7170200A,
 LOG_XMATCH_APP_HEMO_V40, LIC_XMATCH_DESK_HEMO_V40 LEC_PDA_MBA5P11M, LEC_TEMP_IP-MODEM_80, Lee_Temp Radio T3005
4. Vital Technical performance parameters required which makes the requirement proprietary:
 - a. Smart storage system communicates in real time with products, making the storage intelligent. The smart storage system associated with an inventory software, ensures the storage of products, and provides their exact location, status(expired, soon-to expire...)and complete history
 - b. Real time inventory management(Traceability of RBC units in stock) through its smart storage devices.
 - c. Transportation module helps n tracking the blood product from dispatch to reception using technology ensuring visibility of blood all the time and monitor stringent temperature control. It provides real time updates ensuring safety of blood products.
 - d. Patient verification at the bedside before transfusion by X Match device and application
 - e. The associated application provides a match between the product and the patient (right product to the right patient)
5. No other make or model is acceptable for the following reasons: As per the market information, there is no products available for the required solution and only M/s Biolog-id is making this product/solution

Tulika
Dr. Tulika Seth
 Professor
 Department of Hematology
 A.I.I.M.S., New Delhi-110029

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

Signature of TSEC
 With Name, Designation, Department and Hospital/Institute/DGHS

Note: TSEC should clearly mention the vital functional parameters requirements which end user essentially require and are manufactured by only one manufacturer mentioned in Serial No (1)

Hem
 Dr. Hem Chandra Panigrahy
 Professor
 Department of Hematology
 A.I.I.M.S., New Delhi-110029

Ascheri



डॉ. पूनम कौशिक/Dr. POONAM COSHIC
 मुख्य चिकित्सा अधिकारी प्रभारी
 Chief Medical Officer In-charge
 मुख्य रक्तकोष/Blood Bank (Main)
 अ.भ.अ.नं., नई दिल्ली-29
 A.I.I.M.S., New Delhi-29

Amid

Dr. Abdul Hakim Choudhary
 Assistant Professor
 Dept. of Hospital Administration
 All India Institute of Medical Sciences
 Ansari Nagar, New Delhi-110029

01. The intended goods are manufacture by M/s:
Biolog-id, France.

02. Item Name:

- RFID solutions for storage of red blood cells include the following components
- Biolog-id Smart Storage Kit SST R 180
- Biolog-id Tabletop Encoder / Reader
- Biolog-id Transfusion Software Server License - Encoding & Inventory
- Biolog-id Smart Storage Kit SST R HD 432
- X-Match Application
- X-Match Desk / X-Match Desk
- Handheld Device P11M
- Biolog-id Temperature Monitoring System

03. Model No:

The model number of various components is as below

- PRD_7130200C
- PRD_7310008B
- LOG_BDS_INV_V13 / LIC_BDS
- PRD_7170200A
- LOG_XMATCH_APP_HEMO_V40
- LIC_XMATCH_DESK_HEMO_V40
- LEC_PDA_MBA5P11M
- LEC_TEMP_IP_MODEM_80; Lec_Temp Radio T3005

04. Vital Technical Performance parameters required which makes the requirement proprietary:
Biolog-id RFID Solution provides

- o Smart Storage system communicates in real time with products, making the storage intelligent. The smart storage system, associated with an inventory software, ensures the storage of products, and provides their exact location, status (expired, soon-to-expire...) and complete history.
- o Real time inventory Management (Traceability of RBC units in stock) through its Smart Storge devices.
- o Transportation module helps in tracking the blood product from dispatch to reception using IoT technology ensuring visibility of blood all the time and monitor stringent temperature control. It provides real time updates ensuring safety of blood products.
- o Patient verification at the bedside before transfusion by X Match device and application
- o The associated application provides a match between the product and the patient (right product to the right patient)

05. No other make or model is acceptable for the following reason:

As per the market information, there is no products available for the required solution and only Biolog-id is making this product / solution.

Tulika
Dr. Tulika Seth
 Professor
 Department of Hematology
 A.I.I.M.S., New Delhi-110029

Poonam
Dr. POONAM COSHIC
 अ. पूनम कौशिक/Dr. POONAM COSHIC
 मुख्य चिकित्सा अधिकारी प्रणारी
 Chief Medical Officer In-charge
 मुख्य रक्तकेंद्र/Blood Bank (static)
 अ.मि.अ.सि., नई दिल्ली-29
 A.I.I.M.S., New Delhi-29

Abdul Hakim
Dr. Abdul Hakim Choudhary
 Assistant Professor
 Dept. of Hospital Administration
 All India Institute of Medical Sciences
 Ansari Nagar New Delhi-110029

Letter No: 2020/09/018

Date: 09-09-2020

PROPRIETARY ARTICLE CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

Dear Madam/Sir,

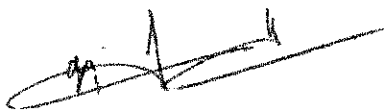
It is certified that, we "Biolog-id", a France-based Company located at 1, Rue du Commandant Robert Malrait – ZA des Granges – 27300 Bernay, are the sole manufacturer of Biolog-id Smart Storage kit, Biolog-id Cold Storage Structure for Smart Storage Kit, Biolog-id Table Top Reader, Biolog-id Smart Tag, Biolog-id Transfusion Server License BDS Inventory.

These are Proprietary Products of Biolog-id. It is confirmed that no other firm is manufacturing these Equipments / Products, namely Biolog-id Smart Storage kit, Biolog-id Cold Storage Structure for Smart Storage Kit, Biolog-id Tabletop Reader, Biolog-id Smart Tag, Biolog-id Transfusion Server License BDS Inventory.

The products are marketed and imported in India under brand name of Biolog-id.

Yours faithfully,

For Biolog-id

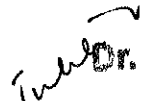



Arnaud SAINT- MICHEL
Chief Financial Officer


biolog»id

Siège social :

46-48 Avenue du Général Leclerc
92100 BOULOGNE-BILLANCOURT - FRANCE
R.C.S. NANTERRE 481 216 430 00043


Dr. Tulika Seth
Professor
Department of Hematology
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डॉ. पूनम कौशिक/Dr. POONAM COSHIC
मुख्य चिकित्सा अधिकारी (रक्त)
Chief Medical Officer in charge
मुख्य रक्तप्रदान, (रक्त प्रदान) (रक्त)
अ.आई.एम.एस.
A.I.I.M.S.


Dr. Abdul Hakim Choudhary
Assistant Professor
Dept. of Hospital Administration
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-110029



CERTIFICAT DE
QUALITÉ
ISO 9001

Etablissement Principal : 1, rue du Commandant Robert Malrait ZA des Granges - BP 3048 - 27303 BERNAY CEDEX - FRANCE

Tél. : +33(0)2 32 47 83 40 - Fax : +33(0)2 32 47 83 50 - R.C.S. NANTERRE B 481 216 430 00027

Web : www.biolog-id.com / Email : commercial@biolog-id.com

Siège social : 46-48 avenue du Général Leclerc - 92100 BOULOGNE BILLANCOURT - FRANCE - S.A.S. au capital de 7 660 109 €
R.C.S. NANTERRE B 481 216 430 000 43 / NAF 2733Z - N° T.V.A. FR 48 481 216 430 - N°EORI FR481216430 00035



Date: 24th December 2020

MANUFACTURER'S AUTHORISATION FORM

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

Dear Sir,

Ref: Ref: RFID solution for blood inventory management system in real time

We, Biolog-id, who are proven and reputable manufacturer of healthcare products & services in blood supply management and patient safety based on RFID solution (Biolog-id Cold Storage Structure for Smart Storage Kit, Biolog-id Table Top Reader, Biolog-id Smart Tag, Biolog-id Transfusion Server License BDS Inventory) having factories at 1, Rue du Commandant Robert Malrait – ZA des Granges – 27300 Bernay, France, hereby authorise Messrs, Vinay Brothers Diagnostics, 14, Ashoka Palace, 877, East Park Road, Karol Bagh, New Delhi-110005 to submit a bid, process the same further and enter into a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also state that we are not participating directly in this bid for the following reason(s): We work through our authorize distributors across countries to quote in tenders and complete the supplies.

We further confirm that no supplier or firm or individual other than Messrs. Vinay Brothers Diagnostics, 14, Ashoka Palace, 877, East Park Road, Karol Bagh, New Delhi-110005 is authorised to submit a bid, process the same further and enter a contract with you against your requirement as contained in the above referred TE documents for the above goods manufactured by us.

We also hereby extend our full warranty, CAMC as applicable as per clause 15 of the General Conditions of Contract, read with modification, if any, in the Special Conditions of Contract for the goods and services offered for supply by the above firm against this TE document.

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.

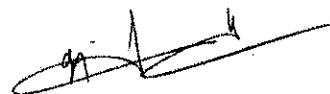
We also confirm that the price quoted by our agent shall not exceed the price which we would have quoted directly"

Yours faithfully,

For Manufacturer

Biolog-id,

Bernay, France



Arnaud SAINT – MICHEL
Chief Financial Officer

biolog»id

Siège social :

46-48 Avenue du Général Leclerc
92100 BOULOGNE-BILLANCOURT - FRANCE
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CERTIFICAT DE
QUALITÉ
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