



# All India Institute of Medical Sciences Jodhpur

Admn//Prop/33/2017-AIIMS.JDH

Dated: - 18<sup>th</sup> December 2017

**Subject:** Purchase of Luminex System for the department of Blood Bank at AIIMS, Jodhpur on proprietary basis - **Inviting comments thereon.**

The Institute is in the purchase of Luminex System for the department of Blood Bank at AIIMS, Jodhpur from M/s Luminex Corporation on proprietary basis. The proposal submitted by M/s IMMUCOR INDIA PVT. LTD. and PAC certification by user are attached.

The above document are being uploaded for open information to submit subjection, comments, if any from any manufacturer regarding proprietary nature of the equipment within 21days of issue giving reference Admn/Prop/33/2017-AIIMS.JDH. The comments should be received by office of Administrative Officer, Medical College at AIIMS, Jodhpur on or before 08<sup>th</sup> January 2018 upto 03:00 PM 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,**

**Administrative Officer**

**Enclosed: Related documents enclosed.**




# All India Institute of Medical Sciences Jodhpur

**Luminex.**

## PROPRIETARY ARTICLE CERTIFICATE

This document is certify that the Luminex 200 System is a proprietary product of Luminex and that no other company other than Luminex Corporation manufactures the product world wide.

It is sold only by authorized distributors world wide.


  
Lyndon White  
Senior Associate, Regulatory Affairs  
Luminex Corporation

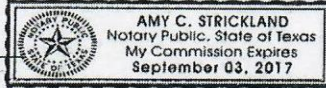
07/14/2017  
Date

State of Texas  
County of Travis

Before me, on this day personally appeared Lyndon White, known to me as a colleague at Luminex Corporation to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 14 day of July, 2017.

  
Notary Public Signature



Luminex Corporation

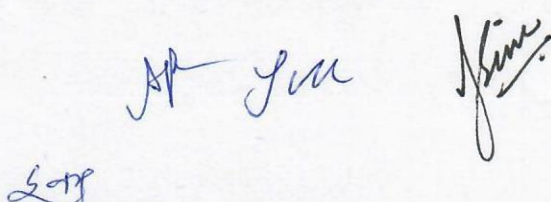
12212 Technology Blvd.

Austin, Texas 78727

T: 512.219.8020

F: 512.219.5195

W: luminexcorp.com





# All India Institute of Medical Sciences Jodhpur

## **Luminex**

November 7, 2016

Re: Luminex Corporation Authorized Reseller

To Whom It May Concern,

The letter is to confirm that Immucor GTI Diagnostics, Inc., having a principal place of business at 20925 Crossroads Circle, Waukesha, WI 53186, USA, is an authorized reseller of the Luminex products pursuant to the Second Amended and Restated Development & Supply Agreement ("Agreement") between Luminex Corporation and Immucor, Inc. (as successor and permitted assign of Gen-Probe Incorporated) dated January 3, 2013, for so long as the agreement is in effect, and to confirm that Immucor's rights under such agreement include the right to distribute Luminex's Luminex 200 Instruments in the following fields in India:

- HLA (human leukocyte antigen) cellular antigens, as defined in the Agreement
- Human DNA SNPs (single nucleotide polymorphisms) within various cytokine genes, which regulate production of various cytokines, as defined in the Agreement
- Human leukocyte antibodies and antibodies against Anti-HPA-5b and HAP-1b (plate antibodies) used by ASHI (or regional equivalent) certified transplant centers, as defined in the Agreement
- Human platelet associated antigens, plasma or serum based antibodies to human platelet antigen (HPA), as defined in the Agreement

Do not hesitate to contact me should you have any questions.

Kind regards,

Keith Milkiewicz  
Senior Director, Partner Operations  
Direct: 512.401.5483  
Mobil: 512.318.5950

Luminex Corporation  
12212 Technology Blvd. Austin, TX 78727

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# All India Institute of Medical Sciences Jodhpur

IMMUCOR.

Date: 7/11/2017

To  
The Purchase Officer  
AIIMS, Jodhpur  
Rajasthan

**Sub: Authorization Letter**

Dear Sir/Madam,

We are pleased to inform you that we have authorized **M/s Technomed Govind, A-64 Ashokpura , K.B Lane no.4, New Sanganer Road Sodala- Jaipur- 302001 ( Contact Person- Mr.Varun singh )** as our Authorized Distributor for supply of kits to your esteemed Institution.

Kindly note that **M/s Technomed Govind, A-64 Ashokpura , K.B Lane no.4, New Sanganer Road Sodala- Jaipur- 302001** is authorized to supply material, raise bill and collect payment of our products.

We are sure that appointment of **M/s Technomed Govind** as our Authorized Distributor will ensure timely execution of your order of our products.

E mail. [Technomed.govind@gmail.com](mailto:Technomed.govind@gmail.com)  
Mob: 9351159244, 9828211102

Thanking you,

For Immucor India Pvt Ltd



*Beind*

Authorized Signatory

*2017*

*AP*

*SC*

*Jain*



# All India Institute of Medical Sciences Jodhpur

## Specification for HLA typing System LUMINEX (Proprietary)

1. The system should be HLA typing, DSA typing, HLA antibody detection, PRA, KIR genotyping and all other test systems available for luminex platforms.
2. A 96 well micro plate based open system with multiplexing capabilities: the following micro titer plate should be compatible with plate holder: flat bottom, conical, round, filter bottom, half plates.
3. The instrument should have automatic sampling procedure and capacity to analyze 96 wells per batch and distinguish a minimum of 100 unique xMAP Microsphere sets in a single sample.
4. Automatic calibration, hands free start up, shut down, maintenance and validation procedure is required. A calibration kit should be provided free with the equipment for first year to check signal output daily.
5. Instrument should have an optic system with report and classification laser and detectors
6. Instrument should come with, XY platform, sheath dispenser, PC with operating and analyzing software. PC to be provided should have the following configuration: Windows 7, 320 HDD, 2 GB RAM Dual core or higher supporting the system.
7. The accuracy or precision of the instrument should be good with sample uptake volume  $\pm 5\%$  and temperature variations not exceed  $2^{\circ}\text{C}$ . Operative temperature range of  $15-30^{\circ}\text{C}$  is required.
8. The fluidic of the instrument should be with sheath flow rate of  $80-100 \mu\text{l}/\text{second}$  and sample uptake volume should be  $20-200 \mu\text{l}$ .
9. User friendly software with a desktop PC for analyzing data and a color laser printer.
10. The system should be an open system; it should run on original luminex operating system. i.e. luminex 100/200 Is 2,3 or its latest version.
11. The acquisition and analysis software provided should be compatible for all applications like HLA Typing, DSA Typing, HLA Antibody detection, Donor specific antibody detection, KIR genotyping etc. Regular free updates for the software should be provided as and when with the original luminex
12. Installation of the equipment and all necessary accessories such as UPS with at least 1 hour power back up should be provided. The supplier will also do the necessary civil work .
13. Supplier should quote the consumables/ Reagents price list separately and the rates will be frozen for next 7 years.
14. All the accessories required for the HLA typing system should be supplied by Vendor as mentioned in Annexure I.
15. System should have approval of FDA/CE/IVD.
16. The system should be upgraded as and when the previous version obsolete.
17. The supplier must provide the standard guarantee and warrantee as per institute guidelines.
18. A system engineer should address troubleshooting/ repair within 24 hours of the complaint.
19. Supplier should provide onsite comprehensive training to the staff and support services till the familiarity and confidence in using the system.



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20. Quotation should include 5 years warranty with all the spares and CMC for next 5 years after the expiry of warranty.
21. The supplier will do the necessary Lab construction for HLA Lab including civil work, air conditioning, workbenches and furniture etc.
22. The supplier will provide start up reagents for 100 test of HLA typing, DSA and PRA assay.

## Annexure I

	Instruments	Qty
1	Thermal Cycler PCR (variety)	1
2	Nanodrop	1
3	Bath Sonicator	1
4	Dry Heating Block	1
5	Vortex Mixer	
6	MicroPlate Shaker 200 rpm single plate	1
7	Mini spin Centrifuge(8 well PCR tube centrifuge)	1
8	Inverted phase contrast microscope	1
9	Vacuum Pump	1
10	Vacuum Manifold	1
11	Retainer tray	1
12	Silicon Compression Mat	1
13	PCR Plate holder tray	1
14	0.2 - 2.0 micro lt pipette 8 channel	2
	0.2 - 2.0 micro lt pipette single channel	2
15	Gel Documentation System (UVI Tec)withUV Spectrophoto-meter	1
16	Analytical Balance	1
17	300 micro lt to dispense 175 micro lt pipette 8 channel	1
19	Cryoblock for Taq	1
20	Laminar hood	1
21	Autoclave	1
22	Submarine Gel Electrophoresis	1
23	pH Meter	1
24	Multichannel pipette (0.5- 10 ul)	1
25	Pipettes (10-100 ul) for pre amp & for post amplification areas	2
26	Pipettes (20-200 ul) for pre amp & for post amplification areas	2
27	Pipettes (1000 ul) for pre amp & for post amplification areas	2
28	Micro centrifuge	1
29	Discard Bins	3

A. Bajpayee

J.M.

S.P.

J.Sinha



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30	Hamilton syringe	3
31	Refrigerators (2 to 8 degrees)	1
32	Refrigerators (-40 to - 80 degrees)	1
33	Timer	1
34	Millipore multiscreen filter plates	1
35	Al. Adhesive plate sealers	1

A. Bajpayee

S. Mandal

Sop

Janki