Subject: Purchase of equipments required for Liquid Nitrogen Vapour Storage System for the department of Neurology at AIIMS, New Delhi-29 on proprietary basis—Inviting comments thereon.

The request received from Dr. M.V. Padma Srivastava, Deptt. of Neurology AIIMS by M/s. Custom BioGenic Systems, USA. on proprietary basis. The proposal submitted by M/s. Custom BioGenic Systems, USA and PAC certifications 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 issue of 15 days giving reference No.01/Stores/Neuro/MVP/Proprietary/2013-14/RS. The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before 23.05.2013 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,

STORES OFFICER (RS)

Encl: Related documents enclosed.

1. PAC Certificate enclosed.
2. Specification of equipment.

Computer facility: with request for uploading the same in AIIMS websites for the period of 15 days.
SPECIFICATIONS FOR LIQUID NITROGEN VAPOUR STORAGE SYSTEM

1. Liquid Nitrogen Storage System for long term preservation of Frozen samples in 100% vapour phase at -190°C with no contact of liquid nitrogen at all.
2. Liquid Nitrogen Storage system should be a jacketed model
3. Max Capacity of liquid nitrogen should be 30-40 liters in the envelop outside the chamber.
4. Minimal interior temperature gradient from bottom of chamber to below the lid
5. LN2 Level indicator and safety relief valves should be present.
6. Minimum 2ml vial Capacity 8,000-9,000 Nos., to be stored in Racks & Boxes
7. Liquid Nitrogen Storage System mounted on castors for easy mobility
8. Automatic monitoring and display of temperature below the LID
9. Automatic monitoring and display of Liquid Nitrogen level
10. Automatic filling and control of liquid nitrogen level
11. Alarms for deviations from the set values of levels and temperatures
12. Self-diagnostics at start up
13. Programme lock to prevent unauthorized intervention
14. Should have Temperature Log Software for monitoring the parameters continuously.
15. Liquid Nitrogen Cylinders (Two Nos.) to connect to the storage vessel in order to automatically re-fill liquid nitrogen in the storage Vessel as and when required. Capacity of Cylinder to be 200-250 liters, 22 PSI Liquid Delivery, equipped with LN2 Level & pressure gauges and safety relief valve and mounted on castors for easy mobility.
   Y - Connection 01 No.
   LN2 Transfer Hose 03 Nos.
16. It should have Inventory system for 2 ml Vials
17. Racks should have Locking system to prevent fallout of sample storage boxes.
18. IQ/OQ Documents should be provided.

ESSENTIAL ACCESSORIES:

1. Barcode Scanner: 01 No
   • Laser type scanning
   • With USB Cable Connectivity
     Cryogenic Labels stable at -190°C: 10,000 Label
     Resin Ribbon Size 55mm x 75meters: 10 Roll

2. Thermal Transfer Printer: 01 No
   • Resolution 203 DPI
   • Print Width 4/Inches
   • Print Speed 5/Inches

4. 2ml Vial Freezing Racks for keeping storage boxes: As per the chamber capacity
5. Aluminium Boxes with 100-cell Dividers (for 2ml vials): 100 Nos
6. Medium Waterproof Mid Arm Length CryoGlove (15in.): 01Pair
7. Small Waterproof Cryo Apron (36 Inches): 01 No.
8. Cryo Goggles and tongs: 01 each
9. Cryo Marker Pens (Black, Blue, Green & Red): 01 each
10. Cryo Tongs: 01
December 4, 2012

PROPRIETARY ARTICLE CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

We hereby certify that the LIQUID NITROGEN VAPOUR STORAGE SYSTEM, MODEL ISOTHERMAL V-1500AB is the proprietary item of M/s. Custom Biogenic Systems, USA and no one else is manufacturing this model as we are the sole manufacturer of this model as it is PATENTED by M/s. Custom Biogenic Systems, USA as this innovative design provides storage temperature in the -190°C range with absolutely no liquid nitrogen in the sample storage space. The PATENTED system totally eliminates the need to submerge any type of samples in Liquid Nitrogen.

As a manufacturer of these systems, we certify the good workmanship and proper testing procedure to supply instruments of highest quality.

Yours Faithfully,
For Custom Biogenic Systems

Cass Schumann

150 Shafer Drive, Romeo, MI 48065 1-800-522-0072 (586) 331-2600 Fax (586) 331-2588
http://www.custombiogenics.com e-mail: sales@custombiogenics.com
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI-110029

RESEARCH SECTION

PROPRIETORY/SPECIFIC BRAND GOODS CERTIFICATE

1. Item-Type/Model No. required along with specification.
   *Liquid Nitrogen Storage System -1000 L
   Vapour phase & 198°C over solid nitrogen at 1 atm. System should be jacketed model.
   or a
   m/s Custom Biosensor System, USA

2. Is the item a spare part or accessory for an existing equipment.
   *Yes

3. Name of the manufacturers/supplier of the item proposed by the Indentor.

4. Are they sole manufacturers/sold distributors of the item.
   *Yes

5. Is there any other item with similar equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, why the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item from these offered by other.
   *No

6. What were the efforts made to locate alternative source of supply or use other substitutes.

7. Why open/limited tender can't be resorted to, for locating alternate source.
   *Yes

8. Are the propriety items certifying that the rates are reasonable or not.

9. Any other justification for procuring item from single source.

Signature of Indentor (Demanding Officer)

I certify that the item as En. 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 requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

(Strike out whichever is not applicable)