Dated: 01 April, 2013

Subject: Purchase of equipment Osmometer for the department of Neurosurgery at AIIMS, New Delhi-29 on proprietary basis—Inviting comments thereon.

The request received from Dr. P. Sarat Chandra, Deptt. of Neurosurgery, AIIMS for purchase of subject cited equipment from M/s. Biomedical System USA, on proprietary basis. The department forwarded the PAC certificates submitted by M/s. Biomedical System USA, and PAC certifications are attached.

The above documents are being uploaded for open information and to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference No.18/Stores/Neurosurgery/PSC/Proprietary/2012-13/RS. The comments should be submitted to office of Stores Officer (RS), Research Section, AIIMS or to Prof. P Sarat Chandra, Department of Neurosurgery, AIIMS on or before 18.04.2013 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.

   PAC Certificate enclosed.

   Specification of equipment.
SOLE SOURCE FOR VAPRO® VAPOR PRESSURE OSMOMETER

The osmometer shall be an ELITech Biomedical Systems Model 5600 Vapro Vapor Pressure Osmometer and shall operate on the vapor pressure depression principle. The osmometer shall be capable of routine osmolality determinations on sample volumes of 2-10 microliters and shall perform the measurement automatically once the sample chamber is sealed. The osmometer shall be capable of routine osmolality determinations on whole blood, viscous samples and tissue specimens.

The osmometer shall consume no more than 40 watts of electrical power and shall weigh less than 15 lbs. The osmometer shall have an automated thermocouple cleaning cycle and not require any routine maintenance.

The above specification applies to our osmometer exclusively and excludes all other osmometers. Our instrument is the only vapor pressure osmometer made for clinical applications in the world.

The cost of this instrument is controlled at our manufacturing plant in Logan, Utah. Purchasing can only be done through ELITech Biomedical Systems.

Kent S. Thomas, Vice President Sales
Osmometer (Vapro Vapor pressure osmometer model 5600, Wescor) from Merck.

**Unique features:**

- Based on Vapor Pressure Technology.
- Minimum Sample volume 10ul
- Measurement Range of 20 to 3200 mmol/kg
- Measurement time of 90 sec
- Resolution of 1 mmol/kg
- Repeatability of ≤2 mmol/kg standard deviation between 20 to 1000 mmol/kg
- Linearity of ±5% of reading over total range and ±1% of reading over calibrated range
- US FDA approved instrument.
- Operating Temperature of 15 and 37 C
- Dimensions W x H x D- 20cm x 28cm x 36cm (8” x 11” x 14”)
- Weight less than 7 kg
- Consumes not more than 40 watts of electric power.
- Automated thermocouple cleaning cycle.