

## All Bidders

### Amendment -X

**Subject: Supply, Installation, Testing and Commissioning of Modular Operation Theatres & Minor Operation Theatres at Surgical Block, All India Institute of Medical Sciences (AIIMS), New Delhi.**

**IFB No. : HSCC/SES/MOT/Surgical/AIIMS/2015**

This has reference to above IFB No. for the Subject works.

The following Amendment may be noted which shall be treated as part of the tender document and to be submitted duly signed & stamp along with tender.

All the equipments should be European CE/US FDA certified or listed if applicable. In case the above are not applicable relevant DIN/EN standards should be made applicable wherever possible. In case of amendments to any standard, only the latest version will apply.

- 1. Hybrid OT** -Complete plan, design, supply construction, testing and commissioning of HYBRID OT should be constructed One no. in the 6<sup>th</sup> floor and other one in the 7<sup>th</sup> floor on turnkey basis – **Deleted.**
- 2. Wall & Ceiling System** –Lower galvanized steel sheet profile instead of lower extruded aluminium track profile should be suitably sized to support the weighing of the self loading modules.

The corners shall be made with the same material of other walls and structure the corners shall have a shape of 135 deg refer to the adjacent wall and must be fixed with same system. Corners should have two air extraction greed down and upper side of 135 deg wall.

Suspended ceiling perimeter support profile should be made of aluminium profile to be fitted after installation of the finishing panels, the suspended ceiling perimeter support profile should be equipped with a sealing system a lip seal gasket at the base, designed to provide horizontal compartmentalization at the rear of the finishing panels.

Internal balancing core with suitable geometry to ensure the maximum rigidity, and made with a stable, light and non oxide materials like aluminium.

Other specification of wall and ceiling remain unchanged.

### **3. Peripheral Light**

It should be LED based 2 x 2 ft lights. Other specification remain unchanged.

4. **Surgeon Control Panel** – Item should be European CE/USFDA. Other specification remain unchanged.

### **5. Equipment boom system (Surgeon pendent) For progressive scan flat panel**

The following amendments are required in the specs.

- i) **“For Progressive scan flat panel” is Deleted.**
- ii) Pendent should have 5 shelves and weight bearing capacity for each shelf should be 175 kg or more.
- iii) Should have 1 Nos. side rail mounted monitor holder to mount a touch screen bigger than 12”. Weight bearing capacity should be 3 kg or more.
- iv) Medical Gas Outlet shall be provided as 7 bar Surgical Air outlet x 2, CO2 outlet x 1 , Vacuum outlet x 2. The column should have atleast 2 nos. of Data (Audio/Video/Control) ports for connection.

### **6. Anesthesia Boom**

Anesthesia machine lifting system is not required and deleted from specifications.

The other specification of anesthesia boom arm remains unchanged.

Medical Gas outlet should be provided with the Pendent as O2 Outlets – 4 , N2O Outlet - 1 , Medical Air (4 bar) Outlet – 1, Vacuum Outlets -2, AGSS outlets -1, Provision -1.

### **7. Scrub Station**

The scrub sink should be made of 1.5 mm thick AISI -304 Stainless Steel and top surface (Counter) should be made of one piece molded mineral composite and polished to seam less satin finish. Thermostatic mixing, valve control should be located behind the access panel and maintain constant water temperature.

### **8. Minor Operation Theatre**

**OT Light Specification is amended as follows**

#### **OT Light**

**Description : Dual Dome LED Surgical Lighting System**

The OT light should be a compact LED surgical light with the lowest air shielding area and the best laminar flow index.

- Further Features :-
- \* Cold, infrared – free light to prevent tissue from drying out.
- \* Lossless dimming
- \* Precise light distribution
- \* Shock and vibration proof construction
- \* Easiest maneuverability for the surgeon via the sterile grip
- \* Immediate 100% luminous power
- \* Light domes should incorporate reflectors for proper focusing of light beam
- \* Domes should use scratch resistant safety glass
- \* Number of LED in each head : 90 or more
- \* Average LED Life (hours) : 50,000
- \* Color Temperature : 3500 K – 4800 K (in Kelvins), Variable
- \* Illumination at 1 m (lux) : 1,40,000 per Dome
- \* Colour rendering index .95
- \* Light field size : 20-30 cms
- \* Lighting Depth L1 + L2 : 1100 mm
- \* Should have European CE/US FDA listing

Bidder should follow the tender terms & condition for the unanswered queries.

**The bid submission date is extended from 02.05.2016 to 05.05.2016 and bid security should be valid for 180 days from the date of bid submission ie. from 05.05.2016.**

All other terms & conditions remain unchanged.

Chief General Manager

For & on behalf of Director (AIIMS)