

All Bidders

**Amendment -I**

Subject: Supply , Installation, Testing & Commissioning of Integration and Data Management System for Modular Operation Theatre at Indian Institute of Technology (IIT), Kharagpur.

IFB No. : HSCC/SES/IOT/IIT-Kharagpur/2017 dated 04.01.2018

This has reference to above IFB.

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.

Sr. No.	As per tender specification	Bidders' queries	Amendment
1	Both Monitors on boom arm will enable greater movement and placement of the Monitors in the line of sight of Surgeon and Assistants and will improve viewing capability and ergonomics of the OT	Should be deleted	Monitor 1 shall be at the boom arm and the Monitor 2 shall be fitted with surgeon pendant. Additional one boom arm is deleted.
2	Should have 2 nos. monitors 26"-32".	Should be 26" 2D and 3D monitor	Tendered specification remains unchanged
3	The surgeon and his team should be able to do Bi-Directional Audio/Video communication from OT to Conference Room.		The surgeon and his team should be able to do Bi-Directional Audio/Video communication from OT to Conference Room, Class room, Lecture theatre, consultant room, outside hospital and outside country.

4	The Audio/Video Router system should have the minimum following outputs. The router should be having 12x12 Digital and upgradable to 18x18 (DVI-I) with open architecture and upgradable to future input / output requirements. The routing system should be able to integrate HD signal (e.g. Room Camera) inside OT.	The Audio/Video Router system should have the minimum 15 and maximum 40 Inputs and Outputs. Each OT should have its independent Router system.	Each OT should have its independent Router system. Other features will remain unchanged.
5	Room Camera -HDDVI (No upgrade card should be used) Native resolution of camera 1080p – Conference room	Should be Video Conference System	Should be Video Conference System
6	Navigation system DVI – Archiving system	Should be Video conference system	Tendered specification remains unchanged
7	Archiving System-II –DVI - Spare	Should be deleted as archiving system has only one output	Tendered specification remains unchanged
8	Dedicated one number of Full High Definition Video Conferencing system shall be deployed in the seminar hall and outside hospital and outside country by the contractor.	Please limit the scope to the hospital location in India. Please delete outside hospital and outside the country	Outside hospital and outside the country deleted
9	Medical grade touch screen or tablet (19"-22") for controlling the AV communication, documentation and review/preview of Live images and video sequences from the OT (eg. Images from C-arm, endoscope, OR light camera and Microscope).	10" or more as tablet is not available in 19"	Tendered specification remains unchanged
10	Should have individual high	Should be 42" and supported by	Should be 42"-46"

	definition medical grade 42"-46" or more wall mounted LED monitor, wall mounted <b>(to display images from PACS).</b>	due certification by US FDA or CE under medical device directive	full HD LED Monitor and USFDA/European CE certified
11	It should have high speed 100 degree per sec for Pan angle, 90 deg per sec for tilt angle and 18X optical, 12X digital for zoom with power supply and reliable strong mounting assembly.	Should have 30 x or more optical zoom	18X optical, 12X digital for zoom or more
12	PTZ camera should be integrated to the central control system. and it should be controlled via touch screen of integrated system	It should be integrated to the central control system/remote control.	Tendered specification remains unchanged
13	The sizes are approximate. Minor variations in sizes shall be acceptable subject to prior approval of the Engineer.	Variation more than 5% should not be acceptable	Tendered specification remains unchanged
14	All electrical accessories like cable wire, electrical outlets, switches etc supplied by the contractor should be fire proof of reputed make, certified for electrical safety.	Should be in the scope of Modular OT	Tendered specification remains unchanged
15	Clause No. 1.2.1 (iii) Solvency certificate	Clause No. 1.2.1 (iii) Solvency certificate from applicant's nationalized or scheduled bank. Since we will be bidding through our parent company Medicinsk Bildteknik, we can submit the Solvency certificate form our bank in Sweden. Kindly advice it	Tender terms prevail
16	Clause No.1.2.1 (iv) Positive net worth.	Clause No.1.2.1 (iv) Positive net worth. Till date our parent company has successfully executed the integration work project in European & Middle	Tender terms prevail

		<p>East countries. Since the company is relatively new and focusing more on development work, company has shown loss in its book but same time they are earning operating profit for all its past fiscals. The reasons for a deficit in profits are mainly due to Research &amp; Development Cost, Inventory Cost &amp; expansion of the business to the new countries including India. We would like to assure you that our organization is financially strong and more particularly with a recent additional investment of USD 3 Million specifically allocated for the Asian market (dominated by India). We would also like to emphasize that we are complying with all the technical &amp; commercial requirements of the tender.</p>	
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All other terms & conditions remain unchanged.

Chief General Manager, HSCC (I) Ltd.  
For and behalf of Director, IIT, Kharagpur