

AMENDMENT No. - 02

Date: 15.04.2015

Subject: Amendment no. 2 to the Tender Enquiry Document

**Ref: (i) Tender Enquiry No.: HLL/PCD/PMSSY-II/NAGPUR/04/14-15 dated 06.02.2015.
(ii) Amendment no. 1 dated 06.04.2015**

The due date for submission of bids is revised as follows:

Section I

Notice Inviting Tenders (NIT)

For:-

Sl.	Description	Schedule
c	Closing date & time for submission of tender fee and EMD in physical form	20-April-2015, 1700 hrs (IST) Bidders have to submit Original Bank Instruments viz. DD/BC/BG of tender fee and EMD within the above mentioned date and time
d	Closing date & time for submission of online bids	21-April-2015, 1700 hrs IST
e	Time and date of opening of online bids	22-April-2015, 1230 hrs IST
f	Venue for :- <ul style="list-style-type: none">• Submission of tender fee, EMD in physical form.• E-Tender Opening-Tech Bid	HLL Lifecare Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

Read as:-

Sl.	Description	Schedule
c	Closing date & time for submission of tender fee and EMD in physical form	28-April-2015, 1700 hrs (IST) Bidders have to submit Original Bank Instruments viz. DD/BC/BG of tender fee and EMD within the above mentioned date and time
d	Closing date & time for submission of online bids	29-April-2015, 1700 hrs IST
e	Time and date of opening of online bids	30-April-2015, 1230 hrs IST

Sl.	Description	Schedule
f	Venue for :- <ul style="list-style-type: none"> Submission of tender fee, EMD in physical form. E-Tender Opening-Tech Bid 	HLL Lifecare Limited, Procurement & Consultancy Services Division, B-14 A, Sector-62, Noida-201307

Note: If EMD is submitted in the form of BG, then the validity of the BG should be at least 165 days from the date of tender opening, i.e, upto 12.10.2015.

For:-

IMPORTANT NOTE :-Tender fee (Rs.50,000/-) and EMD (As applicable) should be deposited in the Tender Box located at HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh on or before 07-April-2015, 1700 hrs (IST) . Submission beyond stipulated date & time would result in REJECTION of BID.

Read as:-

IMPORTANT NOTE :-Tender fee (Rs.50,000/-) and EMD (As applicable) should be deposited in the Tender Box located at HLL Lifecare Limited, Procurement and Consultancy Division, B-14 A, Sector-62, Noida-201307, Uttar Pradesh on or before 28-April-2015, 1700 hrs (IST) . Submission beyond stipulated date & time would result in REJECTION of BID.

SECTION - IV

GENERAL CONDITIONS OF CONTRACT (GCC)

21. Terms and Mode of Payment

For:-

D) Payment of Running, Maintenance and Operation for initial five year period after installation:- Payment for running maintenance and operation will be paid quarterly within 7th day of the first month of the following quarter, by the respective institute / consignee on the basis of satisfactory performance certificate issued by the end user .

Read as:-

D) Deleted

TECHNICAL SPECIFICATIONS

Schedule No. 1

Modular Operation Theatre

1. Existing Para: 3.9 (LAMINAR AIR FLOW SYSTEM): Size of laminar airflow system should preferably not be less than 10 feet X 10 feet.

Read as: Size of laminar airflow system **should not be less than 8 feet X 8 feet**

2. Existing Para: 6.16 (HERMETICALLY SEALED DOORS 2.1m x 1.8m): The complete door assembly should be CE marked.

Read as: The door controller should be CE marked.

3. Existing Para 7.1 (TOUCH SCREEN CONTROL PANEL): The control panel should be touch screen panel. This control panel should work as the central control panel for the HVAC controls, instruction board. Touch screen, **AGSS control**, OT light control. The controller should be capable of adjusting the temp adjustment of +/- 5 Deg with in 5Minutes. It should be European CE or UL Listed.

Read as: The control panel should be touch screen panel. This control panel should work as the central control panel for the HVAC controls, instruction board. Touch screen, OT light control. The controller should be capable of adjusting the temp adjustment of +/- 5 Deg with in 5Minutes. It should be European CE or UL Listed.

4. Existing Para OT Light with Camera; A. OT Light-LED: Illumination level: 1,60,000 Lux major dome and 1,20,000 lux minor dome

Read as: Illumination level : 1,60,000 Lux major dome and **1,60,000** lux minor dome

5. Existing Para (Heading) B. HD Camera System – 1080p

Read as: HD Camera System – **1080i or 1080p**

6. Existing Para in, BOQ Para 38: Air conditioning for OTs (for GMC, Nagpur).

Read as: Suitable independent AHU of reputed make having heating facility for each MOT of GMC, Nagpur along with AC Duct work from AHU to MOT & required connection from existing chiller plant of hospital to AHU. Civil works if any required are also under the scope of bidder.

7. Existing Para in, BOQ Para 39: Air conditioning for 2 corridors & endoscopy rooms (for GMC, Nagpur).

Read as: **Air-conditioning system of suitable ratings required for 2 corridors & 2 endoscopy rooms** (for GMC, Nagpur). Bidder should quote unit TR rate of Air-conditioning. For ranking purpose 20 TR AC for all the corridors & rooms will be considered. However payment will be made at actual basis.

8. Existing Para: AGSS (Anesthetic Gas Scavenging System) Plant –600 LPM: Control System: The duplex control system should conform to International Standards. The control system should provide automatic changeover from running to reserve with circuit breaker disconnects for each AGSS pump with external operators, full voltage motor starters with overload protection, control circuit transformers, visual and audible reserve unit alarm with isolated contacts for remote alarm. Should be in duplex format and must be chassis mounted ready for installation. Duplex system in-line non-return valves should allow individual pump servicing. Active anesthetic gas scavenging systems should be designed to safely remove exhaled anesthetic agents from the operating environment and dispose of them to atmosphere, thus preventing contamination of the operating department and providing a safe and healthy workspace for the personal. AGSS design should be dependent upon flow rate and pressure drop characteristics of the individual components of a systems, it is essential that terminal units, remote controls and pump units. AGSS Remote Control indicator must be provided for each OT with the system.

Read as: Control System: The duplex control system should conform to International Standards. The control system should provide automatic changeover from running to reserve with circuit breaker disconnects for each AGSS pump with external operators, full voltage motor starters with overload protection, control circuit transformers, visual and audible reserve unit alarm with isolated contacts for remote alarm. Should be in duplex format and must be chassis mounted ready for installation. Duplex system in-line non-return valves should allow individual pump servicing. Active anesthetic gas scavenging systems should be designed to safely remove exhaled anesthetic agents from the operating environment and dispose of them to atmosphere, thus preventing contamination of the operating department and providing a safe and healthy workspace for the personal. AGSS design should be dependent upon flow rate and pressure drop characteristics of the individual components of a systems, it is essential that

terminal units, remote controls and pump units. AGSS Remote Control indicator **(or equivalent as per NFPA99C standards like WAGD)** must be provided for each OT with the system.

9. Added Para under Additional works for GMC, Nagpur:

1. OT corridor:

i. Tiling: Verified tiling of reputed make on floors & walls up to ceiling

ii. False ceiling: Removable Aluminum Composite Panel false ceiling & lightening of OT corridor

2. Endoscopy room:

i. Tiling: Verified tiling of reputed make on floors & walls up to 1.5mtr height. Wall above the tiling is to be painted with primer and then with emulsion.

ii. False ceiling: Removable gypsum board false ceiling & lighting.

REVISED BOQ FOR MOT FOR GMC & SSH, NAGPUR

S.N	NAME OF THE ITEMS	UNIT	Qty
1	Prefabricated SS room walls as per tender specifications	Sq M	804
2	PVC Flooring for Modular OT as per tender specifications	Sq M	231
3	Self Levelling Compound as per tender specifications	Ls	7
4	Anti microbial Painting as per tender specifications	Sq M	1035
5	Ceiling as per tender specification	Sq M	231
6	Laminar Flow Air System and Exhaust cabinets as per tender Specification	Nos	7
7	Peripheral Lighting and Clean Room Lumiaries as per tender	Nos	56

	Specification		
8	Touch screen control panel as per tender Specification	Nos	7
9	LED X ray Viewing Screen as per tender Specification	Nos	7
10	Storage Shelves as per tender Specification	Nos	7
11	Hatch Boxes as per tender Specification	Nos	7
12	Pressure Relief Dampers as per tender Specification	Nos	7
13	Hermetically sealed automated door as per tender Specification	Nos	11*
13a	Hermetically sealed automated door 01X2.1Mtr as per tender specification (Only for SSH OTs) (Price to be offered separately)	Nos	3
14	Operating List Board as per tender Specification	Nos	7
15	Air Conditioning duct only within the OT as per tender specifications	Ls	7
16	2 Bay Scrub Sink made of 304 grade steel as per tender specifications	Nos	5
17	Distribution Box and Internal electrical wiring inside the OT and Provision for connecting to pendants as per tender specifications	Nos	7
18	Cable Trays for Electrical and Video as per tender specifications	Nos	7
19	UPS 50 KVA with 30 min battery backup as per tender specifications (2 nos. For GMC & 2 nos. For SSH)	Nos	4
20	Demolition, reconstruction, water proofing, plumbing, repainting and replacement(Corridor & endoscopy room renovation work)	Ls	1

20a	Demolition, reconstruction, water proofing, plumbing, repainting and replacement as per tender specification (for SSH OTs)	Ls	1
21	Medical Gas copper pipeline inside the OT and the Provision to connect to Pendant Systems as per tender specifications	Ls	7
22	Supply installation testing and commissioning of Medical gas hose assemblies as per tender specifications. Hoses shall be colour coded throughout their length as specified in British standards .	Mtr	140
23	Outlets with probe as per tender specifications-		
24	Oxygen	Nos	28
25	Vacuum	Nos	35
26	Medical Air 4 Bar	Nos	21
27	Surgical Air 7 Bar	Nos	21
28	Nitrous Oxide	Nos	21
29	CO2	Nos	21
30	AGSS	Nos	14
31	Double arm movable pendant for Anaesthetist as per tender specifications	Nos	7
32	Double arm movable pendant for Surgeon as per tender specifications	Nos	7
33	OT Light LED with camera as per tender specifications	Nos	7
34	32" Monitor & Recording System as per tender specifications (only for Non integrated OTs, GMC, Nagpur)	Nos	4

35	10 KVA Isolation Transformer as per tender specifications (for GMC, Nagpur)	Nos	2
36	25 KVA Isolation Transformer as per tender specifications (2 for GMC, Nagpur & 3 for SSH)	Nos	5
37	Duplex AGSS System: Supply installation and commissioning of Duplex AGSS system and AGSS Cabling from Plant to OT's as per technical specifications complete with required piping, as per BS: EN 13348 :2008 standards (1 no. for GMC, Nagpur, 1 no. for SSH, Nagpur)	Nos	2
38	Suitable independent AHU of reputed make having heating facility for each MOT of GMC, Nagpur along with AC Duct work from AHU to MOT & required connection from existing chiller plant of hospital to AHU. Civil works if any required are also under the scope of bidder	Nos	4
39	Air-conditioning system of suitable ratings required for 2 corridors & 2 endoscopy rooms (for GMC, Nagpur). Bidder should quote unit TR rate of Air-conditioning. For ranking purpose 20 TR AC for all the corridors & rooms will be considered. However payment will be made at actual basis	Nos	1

Schedule No.2

INTEGRATION AND DATA MANAGEMENT SYSTEM FOR MODULAR OT

1. Existing Para 2.3 (AUDIO-VISUAL COMMUNICATION SYSTEM): Audio – Visual system should receive the signal from different sources like Room camera, Endoscopy camera, Overhead camera, Archiving System, Auxiliary devices like C-Arm, Video Microscope, Mobile ultrasound.

The routing system should allow selection of multiple views for simultaneous transmission in QUAD or PIP format. PACS dedicated PC has to be provided in each OT or suitable system to receive and transmit the PACS from OT.

Read as: Audio – Visual system should receive the signal from different sources like Room camera, Endoscopy camera, Overhead camera, Archiving System, Auxiliary devices like C-Arm, Video Microscope, Mobile ultrasound.

The routing system should allow selection of multiple views for simultaneous transmission in QUAD or PIP format. PACS dedicated PC has to be provided in each OT or suitable system to receive and transmit the PACS from OT. **PACS license and cabling from radiology Department to OT will be in the scope of PACS vendor.**

2. Existing Para 2.7 (AUDIO-VISUAL COMMUNICATION SYSTEM): A telephone system shall be connected to the system and shall allow the surgeon or his assistant to make telephone calls by Dialing from the touch screen. The telephone system should be controlled via the central control panel. An In-ear system should be provided to allow the caller to make discrete telephone conversation. The user can place and/or receive telephone calls by using ceiling mounted directional microphones.

Two way communication of Audio & Video should be possible from OT to OT. Two way communication of Audio should be possible from change room of Resident, Sister faculty and sister in charge room.

Read as: Deleted

3. Existing Para 5.2 (CAMERA INSIDE OT'S): It should be high speed cameras, with 25X zoom lens, with pan tilt with power supply and reliable strong mounting assembly.

Read as: It should be high speed cameras, with **20X-25X** zoom lens, with pan tilt with power supply and reliable strong mounting assembly

All other terms and conditions of the tender enquiry remain unaltered.