

Amendment No.7

Date: 11.06.2015

Subject: Amendment no. 07 to the Tender Enquiry Document

Ref: (i) Tender Enquiry No.: HLL/PCD/PMSSY-II/NAGPUR/04/14-15 dated 06.02.2015 and subsequent amendments published thereafter

Section I

Notice Inviting Tenders(NIT)

Due to certain technical reasons in the e-tendering portal, the bidders are requested to submit a hardcopy of their technical bids and all related documents (uploaded in the portal) EXCEPT for the Price bid before the aforesaid "Closing date & time for physical submission of bids".

In view of above, the due date for submission of bids for the following schedules are revised as given below.

Section I

Notice Inviting Tenders(NIT)

(1) For:-

Sl.	Description	Schedule
C	Closing date & time for submission of tender fee and EMD in physical form	15-June-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	i) Closing date & time for submission of online bids	17-June-2015, 1300 hrs IST
	ii) Closing date & time for physical submission of bids (Price bid shall only be uploaded online; All other technical and commercial documents uploaded in the e-portal are to be submitted manually)	18-June-2015, 1300 hrs IST
e	Time and date of opening of bids	18-June-2015, 1400 hrs IST

Read as:-

Sl.	Description	Schedule
c	Closing date & time for submission of tender fee and EMD in physical form	23-June-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	i) Closing date & time for submission of online bids	24-June-2015, 1300 hrs IST
	ii) Closing date & time for physical submission of bids (Price bid shall only be uploaded online; All other technical and commercial documents uploaded in the e-portal are to be submitted manually)	25-June-2015, 1300hrs IST
e	Time and date of opening of bids	25-June-2015, 1400hrs IST

Note:

(i) 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 07.12.2015.

(ii) 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 23-June-2015, 1700 hrs (IST) . Submission beyond stipulated date & time would result in REJECTION of BID.

TECHNICAL SPECIFICATION

**Schedule No. 1
Modular Operation Theatre**

1. Existing Specification

ParaD: Recording system to be offered separately (Only for non integrated OT's, for GMC, Nagpur): Recording system to be offered separately. Recording system should be full HD medical grade monitor LCD 19" touch screen and having the one TB storage space.

Read as

DELETED

2. Existing Specification

Para C: Patch Panel for power & signal to be laid down for 32" LCD Monitor at wall of MOT

Read as

DELETED

**The BOQ for Modular Operation Theatre for SSH & GMC, Nagpuristo considered as follows
(changed portion highlighted)**

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 Specification	Nos	56
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 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

Note: Bidder to quoted unit price and total price for each of the item

Schedule No. 2
INTEGRATION AND DATA MANAGEMENT SYSTEM FOR MODULAR OT

1. Existing Specification

Para 2.1: The operating rooms should be connected to the Conference room for video conferencing and live transmissions. Suitable cable should be laid accordingly **(Optional – Rate to be offered separately)**

Read as

Para 2.1: The operating rooms should be connected to the Conference room for video conferencing and live transmissions. Suitable cable should be laid accordingly.**(For comparison purpose 100mtr length will be considered. Bidder also to give unit price. However, payment will be made at actual. If any switch/router will be required during installation bidder has to provide the same.**

2. Existing Specification

Para 2.2: **The Audio/Video Router system** should have the minimum following outputs. **The router should be having 12x12 Digital and upgradable to 18x18 (DVI-I/ DVI-D)** with open architecture and upgradable to future input / output requirements. **The routing system** should be able to integrate HD signal (e.g. Room Camera) if available inside OT.

Read as

Para 2.2:**The Audio Video Router/management system** should be able to manage minimum following inputs and outputs. **The router/management system should be having 12x12 Digital and upgradable to 18x18 (DVI-I/ DVI-D)** with open architecture and upgradable to future input / output requirements. **The routing/management systemsystem** should be able to integrate HD signal (e.g. Room Camera) if available inside OT.

3. Existing Specification

Para 2.5: The surgeon and his team should be able to do Bi-Directional Audio/Video communication from OT to Conference Room.

Read as

The surgeon and his team should be able to do Bi-Directional Audio/Video communication from OT to Conference Room **via a mobile video conference trolley**

4. Existing Specification

Para 2.6 : An HD Video Conferencing system should be offered for external communication from the operating room. The system should be able to transfer high quality real time images and audio signals from multipoint at a minimum speed of 2Mbps. The system should be compatible to 1080p full HD resolution for transmission over the ISDN lines or IP Service. The conferencing system should be **controlled via the touch screen** of the integration system from the OT. Suitable Number / Sets of Transmitters, Receivers and Cables, connectors and accessories should be offered as per the requirement.)

Read as

Para 2.6 :An independent trolley based HD Video Conferencing system should be offered for external communication from the operating room. The system should be able to transfer high quality real time images and audio signals from multipoint at a minimum speed of 2Mbps. The system should be compatible to 1080p full HD resolution for transmission over the ISDN lines or IP Service. The video conferencing system should be **controlled via its monitor/touch screen** of the integration system of the OT. Suitable Number / Sets of Transmitters, Receivers and Cables, connectors and accessories should be offered as per the requirement

Required DVI patch panel inside MOT to be provided which will interconnect mobile video conference system and router

5. Existing Specification

Para 3.3: The Full High-Definition Digital Documentation System should be a high-end computer system based on Windows embedded platform (for security purposes) designed specifically for recording, managing, and archiving surgical images and video in native full HD resolution. The captured full high-definition images & videos can be accessed from the hard drive for printing or saving onto multiple forms of external media which includes **CD/DVD**, USB Flash Drive & Hospital network. **It should be able to preview and simultaneously record views from two video sources parallel and archive as single patient file.**

Read as

Para 3.3 :The Full High-Definition Digital Documentation System should be designed specifically for recording, managing, and archiving surgical images and video in native full HD resolution. The captured full high-definition images & videos can be accessed from the hard drive for printing or saving onto multiple forms of external media which includes , USB Flash Drive & Hospital network.

Optional price for DVD burning facility on digital documentation system to be quoted separately.

6. Existing Specification

Para 3.5: It should have atleast 1 TB internal Hard Disk Drive (HDD) for in-system archiving. **Also, it should have a feature of real time in-procedure DVD burning besides at-the end procedure DVD burning.**

Read as

Para 3.5: It should have atleast 1 TB internal Hard Disk Drive (HDD) for in-system archiving.

(Optional - Price to be quoted seperately for following)

Also, it should have a feature of real time in-procedure DVD burning besides at-the end procedure DVD burning.

7. Existing Specification

Para 5.1: The bidder should install the room camera inside OTs. **Camera should be HD**

Read as

Para 5.1: The bidder should install the room camera inside OTs. **Camera should be full HD - 1920x1080p.**

8. Existing Specification

Para 5.3 :It should be integrated to the central control system and it should be controlled via **19" touch screen** of integrated system

Read as

Para 5.3: It should be integrated to the central control system and it should be controlled via **10" or more touch screen** of integrated system

- 9. Added Para: Recording System (for Non-Integrated OTs of GMC, Nagpur)** - The Full High-Definition Digital Documentation System should be a designed specifically for recording, managing, and archiving surgical images and video in native full HD resolution. The captured full high-definition images & videos can be accessed from the hard drive for printing or saving onto multiple forms of external media which includes USB Flash Drive & Hospital network. Controlled & preview in Full HD medical grade monitor LCD 19" touch screen and having the one TB or more storage space

Optional price for DVD burning facility on digital documentation system to be quoted seperately.

The BOQ for Integration & Data Management System is to considered as follows (changed portion highlighted)

S.No	NAME OF THE ITEMS	UNIT	Qty
1	Digital display monitor 32" HD flat panel Medical grade LED as per tender Specification(2 Nos per OT)	Nos	6
	32" High Defination Medical Grade wall mounted Monitor as per tender specs	Nos	3
2	Ceiling arm to mount 32" monitor as per tender specifications	Nos	3
3	Audio Visual Communication System as per tender Specification	Nos	3
	Central Control System with 19" HD flat panel LED as per tender Specification.		
	Digital Documentation System integrated with Central Control System as per tender specifications.		
3a	Recording System for Non-Integrated OTs of GMC, Nagpur as per technical Specifications	Set	4
4	Microphone & Camera Inside OT's. Audio- Visual Communication from OT to OT as per tender specifications	Set	3
5	Two Way Audio Communication system from OT to change room of Faculty, Resident and Sister incharge room as per tender specifications	Set	3
6	Cable for video conferencing	RMtr.	100

Note: Bidder to quoted unit price and total price for each of the item

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