

Amendment No: 1

12/08/2013

Ref: Tender Enquiry No: HLL/PCD/PMSSY-II/01/13-14 Dated 26.07.2013

The pre-bid meeting of the referred tender enquiry was held on 01/08/2013. Based on the representations submitted by the bidders in pre-bid meeting, the following amendments are incorporated in the referred Tender Enquiry Document.

**SECTION I
NOTICE INVITING TENDERS (NIT)**

Existing:

Sl. No.	Equipment Name	Total Quantity	EMD Details
1	CSSD	1	5,00,000

Read As:

Sl. No.	Equipment Name	Total Quantity	EMD Details (Rs.)
1	CSSD	1	5,00,000

SECTION-VII

TECHNICAL SPECIFICATIONS (ref. Pg. 46 of the Tender Enquiry Document)

SPECIFICATION OF EQUIPMENT and FURNITURES

Item No. 1. Fully Automatic Double Door Horizontal Sterilizer 450 Ltr. With Accessories

Existing Para:

- (a) **Door:** The sterilizer supplied should be pneumatically (Compressed Air) operated double door with fully automatic vertical sliding movement along with door safety features.

Door Safety Systems:

6. The door should be pneumatically operated for trouble free operation

Read As:

- (a) **Door:** The sterilizer supplied should be pneumatically/**Electrically** (Compressed Air) operated double door with fully automatic vertical sliding movement along with door safety features.

Door Safety Systems:

6. The door should be pneumatically/**Electrically** operated for trouble free operation

Existing Para: (n) The manufacturer should have ISO 13485:2003 certification. The equipment should be CE or USFDA approved for model offered

Read As: (n) The manufacturer should have ISO 13485:2003 certification. The equipment should be **European CE** or USFDA approved for model offered

Item No. 2. Washer Disinfector with Accessories (200 - 250 Ltrs.)

Existing Para:

- 3.8 The unit should have integrated steam generator

Read As:

Deleted

3. Ultrasonic Cleaner (20 Ltrs.)

Existing Para: The units should be a compact free-standing bench model, with a built-in tank manufactured from high-quality (316) stainless steel and a solid-state generator that sends ultrasonic (approx 42,000 cycles per second) impulses through wash water containing detergent and electrical heating; microprocessor controlled display with memory time and temperature functions

Read As: The units should be a compact free-standing bench model, with a built-in tank manufactured from high-quality (**304/316**) stainless steel and a solid-state generator that sends ultrasonic (approx **37000** - 42,000 cycles per second) impulses through wash water containing detergent and electrical heating; microprocessor controlled display with memory time and temperature functions.

Existing Para: The tank should be made of solid stainless steel (316).

Read As: The tank should be made of solid stainless steel (**304/316**).

23. MICROPROCESSOR CONTROLLED FLASH AUTOCLAVE SYSTEM

Existing Para: Portable High speed microprocessor controlled rapid autoclave suitable for sterilization of unwrapped instruments, Wrapped instruments, Packs and special cycle for hand pieces and Endoscopes.

Read As: High speed microprocessor controlled rapid autoclave suitable for sterilization of unwrapped instruments, Wrapped instruments, Packs and special cycle for hand pieces and Endoscopes.

Existing Para: It should be fully automatic and have a DRYING cycle.

Read As: It should be fully automatic.

Existing Para: It should have Front filling and Drain facility, behind front door for safety .

Read As: It should have Front filling and Drain facility.

Technical Specifications (ref. pg. 67 of the Tender Enquiry Document)

Existing Specification: Note 4:

The vendor shall have to coordinate and enter into an agreement in the form of MOU with the other approved vendor at the institute who would be simultaneously installing equipments, medical gas pipeline and communication /video – conferencing system etc so as to complete the entire job in a time bound manner .

Read as: Note 4

Deleted

Existing Specification: Note 6:

Earthing and bonding, intercom facilities between various services facilities on the OT Floor, telecommunications etc to be provided by the vendor.

Read as: Note 6

Deleted

Existing Specification: Note 7:

Telephones : Wireways and outlet plates for telephones

Read as: Note 7

Deleted

Existing Specification: Note 8:

Data: Wireways and outlets plates for data

Read as: Note 8

Deleted

Existing Specification: Note 9:

Security : Intruder alarm, main door entry system, Door Monitoring, Door interlocks

Read as: Note 9

Deleted

Existing Specification: Note 10:

New fully addressable fire alarm to existing hospital specification to new local fire sub panel, key operated isolation switch for smoke detection with visual indication, liaison with Hospital fire Alarm specialist Contractor

Read as: Note 10

Deleted

Existing Specification: Note 12:

Approval clearance from certificates from competent authorities like Atomic Energy Regulatory Board (AERB) for all types of radiation equipments , Central pollution control board (CPCB) approval for polluting units etc if applicable for the offered equipments must be attached.

Read as: Note 12

Deleted

Existing Specification: Note 13:

Provision for working drawing , Physical co-ordination of composite services drawing and site installations . The contractor to maintain the services at its own cost for atleast 60 months from the date of completion and acceptance of the same by the institute.

Any civil mechanical or electrical work or plumbing work required if any will be the sole responsibility of the vendor doing modular part , the institute will only be providing connection at one specific location.

Read as: Note 13

Provision for working drawing , Physical co-ordination of composite services drawing and site installations. Any civil mechanical or electrical work or plumbing work required for installation of the item, if any will be the sole responsibility of the vendor, the institute will only be providing connection at one specific location.

Existing Specification: Note 14:

The design and installation of building works and installation of building work and installation service shall comply with all statutory regulations of PWD. The design and installation shall comply with the requirements and design control authorities like :

- Electrical supply
- Water Supply
- Environmental Health
- Building Control
- Planning
- Fire
- Gas Supply

The contractor shall issue relevant drawing and specification document to superintendent engineer of PWD for his comments and approval before commencing work at site.

Read as: Note 14

Deleted

Existing Specification: Note 16:

Design Criteria and requirements:

The design and installation shall be in compliance with the following:-

Hospital Building Notes

Hospital Design Notes

HSE Guidance Notes

Electrical services supply and distribution

Emergency Electrical Services

Abatement of Electrical interface

Health building engineering installations

Commissioning and associated activities

Electrical safety code for low voltage system

Access and accommodation for engineering services

Ventilation in healthcare premise

Hot and cold water supply , storages and mains services

Control of Legionella in healthcare premises

Applicable standards- CEN, EN-685,DIN 423/DIN-51958,NFPA-99,93/87/EC,
73/23/EEC,93/68/EEC,89/336/EEC,92/31/EEC,93/97/EEC,DIN-4799,BS 5135, IP 54,
EN60601-1.

Read as: Note 16

Deleted

Existing Para

Turnkey Job for CSSD Unit

Turn Key Job to be provided by the Bidder

1. Bidders are required to visit the site for self-assessment of the extent of work.
2. Construction / re-construction, commissioning and installation to be strictly carried as per international standards wherever required

3. Laying of tiles wherever required
4. False ceiling work wherever required
5. All cable trenches and railings wherever required.
6. Electrical works wherever required
7. Bidder has to construct counter, storage shelves, scrub basin and doors as shown in drawing wherever required
8. Installation and commissioning of all equipment.
9. Installation of water treatment plant, steam exhaust and water exhaust for sterilizer has to be carried out by the bidder
10. Any other necessary work required for satisfactory working of the equipment and those work not mentioned.

1. CIVIL WORKS

Bidders are strongly advised to visit the site and carry out the assessment of works. Bidder has to carry out civil modifications required at the site. All material should be of high quality and sample should get approved by HLL commencing the use

- Bidder should make new walls and doors where ever necessary (Refer drawing)
- Should do the SS wall panelling on sterile side of double door sterilizer to make it aesthetic where ever necessary.
- Should make New doors and windows where ever necessary
- Should make counter in the issue area and receiving area where ever necessary
- Should provide an air curtain between issue area and Sterile store
- Bidder should three double doors in corridor of ground floor of trauma/OPD block as shown in the drawing to ensure the sterility
- Should make alteration of AHU rooms as shown in the drawing to ensure sterility where ever necessary.
- Construction of counters at receiving and issue area where ever necessary
- The vitrified tiles used should be of reputed make where ever necessary.
- False ceiling work where ever necessary

2. AIR- CONDITIONING

Air conditioning should be provided for areas such as sterile stores, packing area and office room.

1. Should provide split a/c with wireless remote control for, sterile stores, packing area and office room. Ducting and false necessary as necessary.
2. The capacity of the a/c should be sufficient to maintain the required temperature and humidity.
3. Bidder should carry out necessary false ceiling work required for A/C.
4. Air conditioner should be of reputed make with 5 star rating.

CSSD at Ground Floor of OPD/TRAUMA BLOCK

SN	Room to be air conditioned	Area (in m ²)	Approx Tonnage
1	Packing Area	36	4 ton
2	Sterilizer Room/Sterile store	24	3 ton
3	Sterile store & Issue	22	2.5 ton
4	Office	4	0.5 ton

CSSD at Ground Floor of OBG Block

SN	Room to be air conditioned	Area	Approx Tonnage
1	Packing Area	19	2
2	Sterile store	27	2.5

3. ELECTRICAL WORKS

Bidder should specify the details of the electrical work. Bidder also should specify the cost of each and every electrical work separately. Detailed BOQ with rates should be attached.

- a) Electrical works and other cabling necessary for the efficient working of the equipment has to be done by the bidder. Cable for individual sterilizers, disinfectors, etc will be terminated in the isolator provided in the main board. The vendor should draw the cable and drop them vertically and connect them to the equipment through appropriate isolators
- b) Earth pits: Earth pits should be provided for protective earthing of the equipment.
- c) Switches, MCBS and other accessories should be of reputed make
- d) Switches isolators and MCB should be of high quality. Switches and isolators should be from L&T or Siemens; MCB from Havells or equivalent and wires from Finolex or equivalent. Lighting and Fans from Philips and Crompton.

5. FIRE FIGHTING

Bidder should provide effective fire fighting system. Bidder should provide two dry CO₂ cylinders-2 kg with essential accessories. Cylinders should be certified by respective regulatory board.

5 .PLUMBING WORKS

All plumbing works associated with proper functioning of CSSD has to be carried out by the vendor. Water drainage connection for sterilizer has to be provided. Individual plumbing lines with valves are required. Steam exhaust line also should be graded properly outside the building

6 .VENTILATION AND LIGHTING

Proper Ventilation system including fan and exhaust fan has to be provided. Bidder has to provide proper lighting for all the areas. Air curtain has to be provided by the bidder in issuing counter to ensure the sterility wherever required.

7. STEAM PIPE LINES

All necessary work associated with the installation of sterilizer including integrated steam piping, pressure control valves, steam exhaust and water exhaust as required should be done by the vendor. All steam piping should be of SS 304.

8. DEMOLITION

-Bidder should demolish unwanted existing walls inside the existing CSSD if required

Details of Civil, Electrical, Plumbing, A/C etc should be mentioned.

Read As Para

Turnkey Job for CSSD Unit

Turn Key Job to be provided by the Bidder

1. Bidders are required to visit the site for self-assessment of the extent of work.
2. Construction / re-construction, commissioning and installation to be strictly carried as per standards
3. All cable trenches **required for installation of equipment.**
4. Electrical works **required for installation of equipment**
5. Installation and commissioning of all equipment.
6. Installation of water treatment plant, steam exhaust and water exhaust for sterilizer has to be carried out by the bidder
7. Any other necessary work required for satisfactory working of the equipment and those work not mentioned.

1. CIVIL WORKS

Bidders are strongly advised to visit the site and carry out the assessment of works. Bidder has to carry out civil modifications required at the site for **installation of equipment. All material should be of high quality and sample should get approved.**

- Should do the SS wall panelling on sterile side of double door sterilizer to make it aesthetic where ever necessary.
- Should provide an air curtain between issue area and Sterile store
- Should make alteration of AHU rooms as shown in the drawing to ensure sterility where ever necessary.

2. AIR- CONDITIONING

Bidder should provide suitable Air conditioning for both the CSSD wherever required. The capacity of the a/c should be sufficient to maintain the required temperature and humidity. Air conditioner should be of reputed make with 5 star rating.

3. ELECTRICAL WORKS

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Details of Civil, Electrical, Plumbing, A/C etc should be mentioned separately.

All other terms and conditions of the Tender Enquiry Document remain unchanged.