

**Amendment No. 1****23.07.2022****Sub: Amendment to the Bidding Document****Ref.: Notice Inviting Bid ref. HITES/PCD/MCH-AIIMS/01/22-23 dated 12.07.2022**

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

**SECTION – VII****TECHNICAL SPECIFICATION AND GENERAL POINTS****A. TECHNICAL SPECIFICATION:****Item No. 1 (Tender ID: 2022 HLL 118717 1)****Rotational Thromboelastometry (ROTEM)**

<b>Sl. No.</b>	<b>Reference to the bidding document</b>	<b>Existing Specification</b>	<b>Amended as</b>
1	Pg 44 Para 16	Instrument should be US FDA, CE approved and reagents should be US FDA approved	<b>Instrument should be US FDA/ European CE/ BIS approved</b>
2.	Pg 44 Para 19	Manufacturer must provide material safety data sheet for all reagents.	<b>Deleted</b>

**Note:**

Based on the above amendment, Technical Compliance Sheet 'TC\_2022\_HLL\_118717\_1\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_1' has been superseded by a new version i.e. 'TC\_2022\_HLL\_118717\_1\_Ver1.1'. The same need to be downloaded for submission by participating bidders.

**Item No. 3 (Tender ID: 2022 HLL 118717 3)****Gel Documentation System**

<b>Sl. No.</b>	<b>Reference to the bidding document</b>	<b>Existing Specification</b>	<b>Amended as</b>
1	Pg 46 Para 3	The system should have fully automated with 16 bit CCD camera technology which can be cooled to at least -50°C or lower below ambient temperature to minimize the time required before operation caused by higher levels of cooling.	The system should have fully automated with 16 bit CCD camera technology which can be cooled to at least <b>-15°C or lower from absolute temperature</b> to minimize the time required before operation caused by higher levels of cooling.
2.	Pg 46 Para 4	The camera should be 16-bit cooled with at least 8.0 megapixel (true resolution) or more	The camera should be 16-bit cooled with <b>at least 6.0</b> megapixel (true resolution) or more, <b>having pixel size of 4.54 x 4.54 µm and dynamic range &gt; 4.0 order of magnitude</b>
3.	Pg 46 Para 6	The minimum imaging area should be at least 20x22 cm or more	The minimum imaging area should be at least <b>15x20 cm</b> or more
4.	Pg 47 Para 19	A UPS must be provided with the system which is good enough for both desktop and gel documentation machine with at least 30 minutes backup.	A <b>Online</b> UPS must be provided with the system which is good enough for both desktop and gel documentation machine with at least 30 minutes backup.
5.	Pg 47 Para 22	The equipment should be BIS/European CE IVD/US FDA approved	The equipment should be BIS/European CE IVD/ <b>European CE</b> /US FDA approved.
6.	NA	NA	<b>Added Para: Demonstration of the quoted model is must.</b>

**Note:**

Based on the above amendment, Technical Compliance Sheet 'TC\_2022\_HLL\_118717\_3\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_3' has been superseded by a new version i.e. 'TC\_2022\_HLL\_118717\_3\_Ver1.1'. The same need to be downloaded for submission by participating bidders.

**Item No. 4 (Tender ID: 2022\_HLL\_118717\_4)****Fully Automated Microbiological Identification System and Antimicrobial Susceptibility System**

<b>Sl. No.</b>	<b>Reference to the bidding document</b>	<b>Existing Specification</b>	<b>Amended as</b>
1	Pg 48 Para 7 a	The system should have capacity of processing minimum 60 panels at a time	The system should have capacity of processing minimum <b>50 panels or more</b> at a time

Based on the above amendment, Technical Compliance Sheet 'TC\_2022\_HLL\_118717\_4\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_4' has been superseded by a new version i.e. 'TC\_2022\_HLL\_118717\_4\_Ver1.1'. The same need to be downloaded for submission by participating bidders.

**Item No. 5 (Tender ID: 2022\_HLL\_118717\_5)****Cryostat**

<b>Sl. No.</b>	<b>Reference to the bidding document</b>	<b>Existing Specification</b>	<b>Amended as</b>
1	Pg 50 Para 1	Universal open topped insulated body Cryomicrotome with spacious Cryo chamber with independent temperature controls from 0°C to minus 35°C or less.	Universal open topped insulated body Cryomicrotome with spacious Cryo chamber with independent temperature controls from 0°C to minus <b>25°C or better.</b>
2	Pg 50 Para 11	Unit should be provided with certified disinfection system by UV Illumination against commonly known pathogens. If	Unit should be provided with certified disinfection system by UV Illumination/ <b>chemical disinfectant</b> against commonly

		certified chemical disinfectant based system is provided by any firm, the chemical concerned should be supplied to the user department which suffices for at least one year of use, 50 hours per week use basis. The cost of the disinfectant should be quoted as optional item, so that the price of the same can be fixed for next five years for use with the instrument. This is mandatory.	known pathogens. If certified chemical disinfectant based system is provided by any firm, the chemical concerned should be supplied to the user department which suffices for at least one year of use, 50 hours per week use basis. The cost of the disinfectant should be quoted as optional item, so that the price of the same can be fixed for next five years for use with the instrument. This is mandatory.
3.	Pg 50 Para 12	Unit must have Automatic hot gas defrost cycle programmes, with safe drainage system and filtering system for waste.	Unit must have Automatic defrost cycle programmes, with safe drainage system and filtering system for waste
4.	Pg 50 Para 14	Machines with hydraulic height adjustment facility will be considered.	<b>Deleted</b>
5.	Pg 50 Para 18	Electronic hand wheel brake (suitable positioned) should be there, which can be applied any time. Manual cutting wheel should be provided on right side of instrument.	Manual cutting wheel should be provided on right side of instrument.
6.	Pg 51 Para 20	Big LCD/ LED display for all operations, including trimming thickness, number of sections, accurate display of temperature, counter for rotor, illumination, quick freeze indicator, etc. should be there.	Big LCD/ LED display for all operations, including trimming thickness, accurate display of temperature, counter for rotor, illumination, quick freeze indicator, etc. should be there.
7.	Pg 51 Para 21	Accessories: Ten specimens chucks of different sizes, section waste tray (1), brush shelf (1), small brush (2), large brush (2), tool set box (1), disposable blade carrier for high profile blades with	Accessories:  Ten specimens chucks of different sizes, section waste tray (1), brush shelf (1), small brush (2), large brush (2), tool set box (1), disposable blade carrier for

		clearance angle adjustment (at least 2), spare fluorescent lamps (at least 3), cryostat oil (at least 200 ml), at least 12 bottles of best grade OCT compound, 10 packs of disposable blades for cryostat, cryo cleaning spray (10 bottle) and 02 antiroll plates of desired sizes suitable for the instrument should be given along with the equipment.	high profile blades with clearance angle adjustment (at least 2), cryostat oil (at least 200 ml), at least 12 bottles of best grade OCT compound, 10 packs of disposable blades for cryostat, and 02 antiroll plates of desired sizes suitable for the instrument should be given along with the equipment.
8.	Pg 51 Para 23	Suitable voltage backup stabilizer on 220-240V/ 50 Hz should be provided with the machine.	Suitable voltage stabilizer on 220-240V/ 50 Hz should be provided with the machine.
9.	Pg 51 List of Consumables items for Cryostat Point 2	Low and high profile blades - 1000	Low and high profile blades - <b>20 packets each (50 blades per packet)</b>
10.	Pg 51 List of Consumables items for Cryostat Point 3	Anti-roll plates - 20	Anti-roll plates - <b>05</b>
11.	Pg 51 List of Consumables items for Cryostat Point 4	Block holding chucks - small - 15	Block holding chucks - small - <b>15 nos. (30 mm)</b>
12.	Pg 51 List of Consumables items for Cryostat Point 5	Block holding chucks - regular - 15	Block holding chucks - regular - <b>15 nos. (40 mm)</b>

**Note:**

- i) Based on the above amendment, Technical Compliance Sheet 'TC\_2022\_HLL\_118717\_5\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_5' has been superseded by a new version i.e. 'TC\_2022\_HLL\_118717\_5\_Ver1.1'. The same need to be downloaded for submission by participating bidders.
- ii) Based on the above amendment, **Price Bid Format** 'PriceBid\_2022\_HLL\_118717\_5\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_5' has been superseded by a new version i.e. 'PriceBid\_2022\_HLL\_118717\_5\_Ver1.1'. The same need to be downloaded for submission by participating bidders.

**Item No. 6 (Tender ID: 2022 HLL 118717 6)****Autostainer for Histopath**

<b>Sl. No.</b>	<b>Reference to the bidding document</b>	<b>Existing Specification</b>	<b>Amended as</b>
1	Pg 52 Para 2	High slide throughput, minimum 500 slides/ hour depending on the program selected.	High slide throughput, minimum <b>250 slides</b> / hour depending on the program selected.
2.	Pg 52 Para 3	The machine should be programmable, so that multiple racks (at least 10-15 slide racks together if necessary, each rack accommodating at least 30-40 slides) can be run simultaneously, at different stages of staining. The racks should be made of corrosion-resistant hard plastic or suitable metals, and two sets of racks should be provided with each machine.	The machine should be programmable, so that multiple racks (at least 10-15 slide racks together if necessary, each rack accommodating at least <b>20-40</b> slides) can be run simultaneously, at different stages of staining. The racks should be made of corrosion-resistant hard plastic or suitable metals, and two sets of racks should be provided with each machine.
3.	Pg 52 Para 5	Atleast 18 reagent stations of up to 500ml capacity and minimum 5 wash stations. The racks/buckets/ staining	Atleast 18 reagent stations of up to 500ml capacity and minimum <b>4 or more</b> wash stations. The racks/buckets/ staining

		containers should be made of hard corrosive resistant plastic, and two sets of each should be supplied with the machine at no extra cost. Slide size to be used: 75 x 25 mm	containers should be made of hard corrosive resistant plastic, and two sets of each should be supplied with the machine at no extra cost. Slide size to be used: 75 x 25 mm
4.	Pg 52 Para 6	Programmable for up to 15 programs or more, of up to at least 25 steps with incubation time setting from 0 sec to 99 mins or more.	<b>Amended as:</b> Programmable for up to 15 programs or more, of up to at least 25 steps with incubation time setting from 0 sec to <b>59 mins</b> or more.
5.	Pg 52 Para 10	Gentle vibration option should be there in the slide racks during lifting to reduce carryover contamination.	Gentle vibration / <b>drip tray</b> option should be there in the slide racks during lifting to reduce carryover contamination.
6.	Pg 52 Para 12	The provision of interrupting an automatic process for reloading or removing cassettes before the end of a run must be there.	The provision of interrupting an automatic process for reloading or removing <b>slide racks</b> before the end of a run must be there.

**Note:**

Based on the above amendment, Technical Compliance Sheet 'TC\_2022\_HLL\_118717\_6\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_6' has been superseded by a new version i.e. 'TC\_2022\_HLL\_118717\_6\_Ver1.1'. The same need to be downloaded for submission by participating bidders.

**Item No. 7 (Tender ID: 2022 HLL 118717 7)****Microtome**

<b>Sl. No .</b>	<b>Reference to the bidding document</b>	<b>Existing Specification</b>	<b>Amended as</b>
1	Pg 54 Para 6	Trimming range: 10-30 micrometres (5% variations).	Trimming range: <b>10/30/50</b> micrometres (5% variations).
2	Pg 54 Para 7	Specimen retraction in the return Stroke and can be turn on & off	Specimen retraction in the return Stroke

3	Pg 54 Para 11	Capable of cutting paraffin as well as epoxy resin blocks.	Capable of cutting paraffin blocks.
4.	Pg 55 List of Consumables items for Microtome Point 4	Brush 500	Brush <b>50 nos.</b>

**Note:**

- i) Based on the above amendment, Technical Compliance Sheet 'TC\_2022\_HLL\_118717\_7\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_7' has been superseded by a new version i.e. 'TC\_2022\_HLL\_118717\_7\_Ver1.1'. The same need to be downloaded for submission by participating bidders.
- ii) Based on the above amendment, **Price Bid Format** 'PriceBid\_2022\_HLL\_118717\_7\_Ver1.0' in CPP portal for Tender ID: 2022\_HLL\_118717\_7' has been superseded by a new version i.e. 'PriceBid\_2022\_HLL\_118717\_7\_Ver1.1'. The same need to be downloaded for submission by participating bidders.

**All other contents of the Bidding Document including terms & conditions remain unaltered.**