HSCC (I) Ltd

Amendment –VI Dated 06.10.2020

Ref. IFB No: HSCC/AIIMS-RAEBARELI/Hospital/06/2020 Dated : 18.08.2020

Amendments & Extension of Bid submission Date:

Name of Item & No.: 17, **Item: Electronic Blood Cell Counter with five part differential**
Department: Lab Medicine and Pathology

No Change.

Name of Item & No.: 18, **Item: Coagulation Analyser, Automated**
Department: Lab Medicine and Pathology

No Change.

Name of Item & No.: **Sr.No. 19. ESR Analyser**
Department: Lab Medicine & Pathology

Specification Sr. No.	Existing As	To be Read As
06	Analyser should be equipped with dry technology. There should not be any consumption of any reagent or blood while processing the samples.	There should not be any consumption of any reagent while processing the samples in ESR Analyzer .
07	Analyser should be equipped with internal Bar code reader	Should be equipped with internal **or** external Bar code reader
12	Should have European CE & US FDA certification or BIS Approved	Should have US FDA, European CE with four digit notified body number or BIS approved.

All other Specifications shall remain unchanged of above mentioned item.

Name of Item & **No.: 20, Automated Urine Analyzer**
Department: Lab Medicine and Pathology

Specification Sr. No.	Existing As	To be Read As
04.	Instrument Strip Feeder should have Storage of 300 test strips at a time with continuous loading for true walk away analysis.	InstrumenQWt should have a storage of minimum 150 strips at a time. with continuous loading for true walk away analysis.
12	Instrument throughput should be minimum 270 samples per hr.(Chemistry) & 80/ hour (Sediment Analysis)	Instrument throughput should be Minimum 250 samples per hour (Chemistry) &80 / hour (Sediment Analysis)
16	The system should have separate body fluid mode.	Deleted
17	In the body fluid mode should provide all required parameters like RBC, WBC, Epithelial Cells (EC) Mononuclear Leucocytes, Polymorphonuclear Leucocytes, Total Nucleated Cells (TNC) & Bacteria.	Deleted
18	Body fluid sample volume requirement should not be more than 0.6 ml.	Deleted
19.	Instrument should be provided with advanced data management software or work area management with capacity to store patient results upto 1,00,000 patients.	Instrument should be provided with advanced data management software or work area management with capacity to store patient results upto 1,00,000 patients within or with external PC connected to the instrument

All other Specifications shall remain unchanged of above mentioned item.

Name of Item & No.: **Sr. No 21: Vacuum Assisted Tissue Processor**
Department: Lab Medicine & Pathology

Specification Sr. No.	Existing As	To be Read As
4	The company should have broad installation base with atleast10 years of presence in India.	As per the standard tender qualification criteria
7	The system should be Quoted with a complete ready to use reagent kit and not individual items so that all the reagents are of the same lot.	Deleted
21	The reagent containers should have a capacity of more than 1.5 liters so that the user does not need to change buffers regularly.	The reagent containers should have a capacity of more than Volume should be 2 liters/ station so that the user does not need to change buffers regularly.
24	Should have European CE &US FDA certification or BIS approved.	US FDA /European CE With Four digit notified body number /BIS approved
1.	Fully Enclosed vacuum tissue processor to process upto200-300 standard tissue cassettes	Fully Enclosed vacuum tissue processor to process upto250-300 standard tissue cassettes

Name of Item & No.: **Sr. No 22: Cryomicrotome**
Department: Lab Medicine & Pathology

Specification Sr. No.	Existing As	To be Read As
7.	Maintenance free microtome with section thickness setting range from 0.5 to 30 micrometer should be available	Maintenance free microtome with section thickness setting range from **0.5 to 100 micrometer** should be available
11.	Motorized rapid & slow coarse feed preferably at two speed300-500um/s and 800-1000 Um/s should be available	Motorized rapid & slow coarse feed preferably at two speed300-500um/s and 800-1000 Um/s **or continuous mode** should be available
23 & 24	Quantity of Low Profile &High Profile blades	Quantity of Low Profile &High Profile blades -100 packets each

All other Specifications shall remain unchanged of above mentioned item.

Name of Item & **No.: 23,Penta-head Microscope with Camera**
Department: Lab Medicine and Pathology

Specification Sr. No.	Existing As	To be Read As
Point No. 2 –	Focus Stroke: Vertical Stage movement 25mm per coarse a. Vertical stage movement 1micron per fine stroke b. Stage rotation of 270 degrees with stage lock and c. Stage tension adjustment	Can be amended Focus Stroke: Vertical Stage movement 9mm per coarse a.Vertical stage movement 1micron per fine stroke b.Stage tension adjustment
Point No. 3	– Illuminator Light: Build in koehler illumination for transmitted a. LED bulb (pre-centered) Light Intensity	Illuminator Light: Build in koehler illumination for transmitted

	adjustment b. Centrally located so both hands can be used to increase c. And decrease light and with auto light intensity d. Adjustment with change of objective lens	a. LED bulb (pre-centered) Light Intensity adjustment
Point No. 4 –	Revolving Nosepiece Quintuple: Interchangeable / Removable Coded a. Nosepiece for auto light adjustment	Revolving Nosepiece Sextuple: Interchangeable / Removable
Point No. 5 -	Objectives Plan 2x, 4x, 10x, 40x & 100x oil	Objectives Plan 2x, 4x, 10x, 20x, 40x & 100x oil
Point No. 8 –	Condenser: Swing Out condenser (N.A 1.1), for 2x-100x	Condenser: Swing Out condenser (N.A 0.9), for 2x-100x

All other Specifications shall remain unchanged of above mentioned item

Name of Item & No.: **Equipment Sr. No 24: Cytospin**
Department: **Lab Medicine & Pathology**

Specification Sr. No.	Existing As	To be Read As
3.	Should be equipped with biological safety cabinet for safety of the operator	Deleted
13.	Speed 100 to 4000 RPM	- speed limit from 200 to 2500 RPM
16.	Process about 80 samples per cycle with automatic chain of custody verification ogpatients samples	Deleted
11.	Motorized rapid & slow coarse feed preferably at two speed300-500um/s and 800-1000 Um/s should be available	Motorized rapid & slow coarse feed preferably at two speed300-500um/s and 800-1000 Um/s **or continuous mode** should be available

All other Specifications shall remain unchanged of above mentioned item

Name of Item & No.: **Sr. No 25: Platelet Agregometer**
Department: Lab Medicine & Pathology

Specification Sr. No.	Existing As	To be Read As
01	Platelet Aggregometer working on the principle of Platelet Rich Plasma(Optical turbidometry) (**whole blood Impedance**)	Platelet Aggregometer working on the principle of Platelet Rich Plasma (Optical turbidometry)
02	Should have minimum 2 channels in optical aggregation – aggregation in PRP with sample volume 250ul or less. **Impedance Aggregation – Aggregation in whole blood preferably with sample volume of 500ul**	Should have minimum **2 or 4 channels** in Optical aggregation – aggregation in sample volume 250 ul or less. **Impedance Aggregation – Aggregation in whole blood preferably with sample volume of 500ul**
05	It should be possible to upgrade the 2 channel into 4 channel , in future.	It should be possible to upgrade to 4 channel or 8 channel

Name of Item & No.: **Equipment Sr. No 26: Automatic Slide Stainer**
Department: Lab Medicine & Pathology

No Change
Name of Item **& No.: 27, Flow Cytometer at least three laser and ten color**
Department: Lab Medicine & Pathology
Qty: 01

Specification Sr. No.	Existing As	To be Read As
1	Bench Top Flow Cytometer should have 3 lasers (red, blue and violet) and should be capable of minimum 10 parameter analysis (minimum 8 fluorescent plus forward and side scatter).	Bench Top Flow Cytometer should have 3 lasers (red, blue and violet) and should be capable of minimum 12 parameter analysis (minimum 10 fluorescent plus forward and side scatter).
4	The system should have threshold settings option on multiple channels/ parameters for a single sample run.	The system should have Manual & Auto threshold Software settings option on single/ multiple channels/ parameters for a single sample run
3	Should have sample acquisition rate of at least 10,000 events per second or more.	Should have sample acquisition rate of at least 25,000 events per second or greater
9	.Carry over of the Fluidics of the system should not bemorethan0.1%	Carry over of the Fluidics of the system should be in the range of 0.1% - 1%

All other Specifications shall remain unchanged of above mentioned item.

Name of Item & No.: 28, **IHC Immunostainer**
Department: Lab Medicine and Pathology

Specification Sr. No.	Existing As	To be Read As
5.	Antibody menu of more than 20 primary antibodies at one time	Antibody menu of more than 15 primary antibodies at one time
6.	Minimum antibody Dispension of 100µl to maximumof150µl	Maximum antibody Dispension of 100µl
9.	The Immuno strainer should have the capacity of staining minimum 30 slides at a time	The Immuno strainer should have the capacity of staining minimum 20 slides at a time.
21.	Primary antibody worth Rs.1.0Lac should be supplied free of cost at the time of installation	Primary antibody worth Rs. 1.0 Lac (names of antibodies should be mentioned) should be supplied free of cost at the time of installation

All other Specifications shall remain unchanged of above mentioned item.

Name of Item & No.: 29, **Item: Thalassaemi and Hemoglobinopathy testing /screening system**
Department: Lab Medicine and Pathology

Specification Sr. No.	Existing As	To be Read As
Para No. of Specs	**Tender Specifications**	
4	The company should have broad installation base with at least 10 years of presence in India.	As per the tender standard qualification
7	The system should be quoted with a complete ready to use reagent kit and not individual items so that all the reagents are of the same lot.	The system should be quoted with all the ready to use reagent kits
21	The reagent containers should have a capacity of more than 1.5 litres so that the user does not need to change buffers regularly.	The reagent containers should have a capacity in the range of 1 to 2.5 litres so that the user does not need to change buffers regularly.
24	Should have European CE & US FDA certification or BIS approved.	Should have European CE with 4 digit notified body number or US FDA certification or BIS approved.

All other Specifications shall remain unchanged of above mentioned item

Item No. 37 Biopolar TURP System

Specification Sr. No.	Existing As	To be Read As
3.1	Integrated 8" or more complete colored touch screen system with following specs:	Integrated 5" or more complete colored touch screen system with following specs
3.1.a	**Monopolar cutting**: 400watts in standard, 250watts for resection, 200 watts for Laparoscopy.	Monopolar cutting 320-400W
3.1.b	**Monopolar Coagulation**: 120watt in standard, resection and laparoscopy.	Monopolar Coagulation:120W or more
3.1.c	**Bipolar cutting**: 200watts in standard, 250 watts in resection.	Bipolar cutting 100W or more
3.1.d	**Bipolar coagulation**: 120watt in standard mode, 350watts in resection mode, 200watts in vessel sealing mode, 200 watts in Ligation mode.	Bipolar coagulation 120W or more.
3.1.e	**Added**	Monopolar and Bipolar should be underwater compatible
3.2	The system has to provide connections for 2 monopolar and 3 bipolar instruments to fulfill all the requirements of modern surgery, all sockets have to be controlled by footswitches, for hands-free operation.	The system has to provide connections for monopolar and bipolar instruments to fulfil all the requirements of modern surgery,all sockets have to be controlled by foot switches for hands free operation
3.3	Should have bipolar cut and coagulation in multiple levels with automatic bipolar coagulation, should be able to deliver bipolar power of as low as 0.1W for dedicated applications	Should have bipolar cut and coagulation in multiple levels with automatic bipolar coagulation
3.6	The system should have Vessel Sealing output, which should be able to seal a vessel up to including 7 mm in diameter and tissue bundles and discontinued with an audible tone.	Deleted
3.12	Should be usable with laparoscopic monopolar and bipolar instruments, for which programs and accessories must be available	Deleted
3.15	Frequency leakage on the patient should be less than 10 micro Amp.	Deleted
4.2	The accessories should include:	The accessories should include:
(d)	Reusable patient plate with cable – reusable 01	Reusable patient plate with cable – reusable 01 (Reputed make allowed)
(e)	Electrode handle with finger switch with cable for electrode handle - reusable sterilizable - Qty 01	Deleted
(f)	Set of electrodes - 05 no's total (assorted types)	Deleted
(g)	Reusable bipolar forceps with cable, qty 1 no's	Deleted
(h)	Reusable Cable for connecting to standard mono polar and bipolar laparoscopic instruments, qty 01 each	Deleted

(i)	Dedicated Lap. Instrument with cable for a. Open vessel sealing and b. Lap vessel sealing for 7mm vessels. (prices to be quoted separately as optionally)	Deleted
5.1	**Inner Sheath** The set should comprise of two sheaths one internal and second external, the internal sheath should be 22 fr in diameter with oblique tip to accommodate the angulations of the scope, it should be autoclavable.	The set should comprise of two sheaths one internal and second external, the internal sheath should be 24 fr in diameter with oblique tip to accommodate the angulations of the scope, it should be autoclavable.
5.2	**Outer Sheath** Should be 24Fr in size, these two sheaths should be easily lockable with each other either via snap on lock or any natural locking mechanism without the need of any external adaptors, It should be autoclavable.	Should be 26 Fr in size, these two sheaths should be easily lockable with each other either via snap on lock or any natural locking mechanism without the need of any external adaptors, It should be autoclavable.
5.3	Working Element It should be a bipolar working element, which has two poles to connect to where the bipolar cable can be connected and the bipolar current from the electrosurgery unit is easily transmitted, It has to be a naturally bipolar working element, not with an attachment of any external adaptors, It should be autoclavable, It should be an active working element, i.e. it should be finger operated.	Compatible, Passive Bipolar working element
5.4	**Telescope (Cystoscope)** The scope should be 300-310mm in length, it should have a diameter of 4mm and the Angulations of the same should be 30 degrees, It should be autoclavable, The scope needs to be High Definition new generation scope, It should be compatible with Item number 1,2,3.	The scope should be 290-310mm in length, it should have a diameter of 4mm and the angulations of the same should be 30 degrees. It should be autoclavable.The scope needs to be High definition new generation scope.It should be compatible with Inner Sheath, Outer Sheath, & working element.
5.6	**Cutting Loop** Cutting loop which are bipolar and can be used to connect to the working element and should have a cylindrical holder for holding the scope so the loop doesn't wobble, with should have a U Shape created at the tip. It can be single stem or double stem but should conduct bipolar current.	Compatible, cutting Loop : 10 in number
5.7	**Roller Blade Loop** A bipolar loop used for the process of coagulation, It should have a roller like structure which can be used for coagulation, should be compatible with working element, should have a cylindrical holder for holding the scope so the loop doesn't wobble, It can be single stem or double stem but should conduct bipolar current.	Compatible Roller blade loop/electrode for coagulation : 10 in number
5.8	**Cable**	Reusable, compatible bipolar cable: 2 in number

	Should be supplied with reusable cable, which should help the system to detect the connected instrument and directly take system to that mode for which instrument has been connected, should be efficient enough so that user should not waste time to manually selected and enter into the program.	

All other Specifications shall remain unchanged of above mentioned item.

The bid submission date of all above items is extended form **06.10.2020 to 13.10.2020**

The reply of pre bid queries of Equipment under **Forensic Department** (Only for **item No.34**), and **Eye Department (all items)**, are pending, their bid submission date is extended form **06.10.2020 to 13.10.2020.**

Due to inadequate response the bid submission date for **Microbiology item** No. 4,5,7,8,9,10, **Forensic Medicine** Item No. 33, & 35 , **Urology items** 36,38,39,40, and **Pharmacology** Item No.15 are also extended from **06.10.2020 to 13.10.2020**

All other terms and conditions of the tender enquiry documents including Amendments issued so far shall remain unchanged.

Prospective bidders are advised to regularly visit HSCC website/CPPP Website for the Corrigendum/amendments etc. if any, as these will be notified on these portals only. No separate advertisement will published in the newspaper in this regard.

CGM (PROC.)
HSCC (I) LTD.