

**HSCC (I) Ltd**

**Amendment –VI Dated 14.10.2020**

**Ref. IFB No: HSCC/AIIMS-RAEBARELI/Hospital/07/2020 Dated : 04.09.2020**

**Subject: Procurement of Medical Equipment for AIIMS -Raebareli.**

**Technical Amendments & Amended BOQ**

The technical amendments & revised BOQ (Enclosed)

**Item No. 1**

**Name of Item: Liquid Nitrogen Drum**

No Change

**Item No.: 02**

**Name of Item: Ultra Sonicator**

No Change

**Item No: 3**

**Name of Item: Chemiluminescence & Gel Imaging & Analyzer System**

<b>Specification on Sr. No.</b>	<b>Tender Specification</b>	<b>Amended As</b>
<b>Point 1</b>	5 megapixel or less, 16-bit Scientific-Grade CCD Camera for good resolution, cooled to $\leq -25$ deg C	5 megapixel or better, 16-bit Scientific-Grade CCD Camera for good resolution, cooled to $\leq -25$ deg C
<b>3</b>	Should have UV transilluminator:302 nm, Pull out type: and Epi LED white light imaging.	Should have UV /LED transilluminator:302 nm, Pull out type: and Epi LED white light imaging.
<b>11</b>	Must have Stand-alone Software for enhancement, editing, annotation, archiving & analysis including features like 1-D multilane densitometry, 2-D spot densitometry (2D software should include a dedicated application related to protein profiling like Spot matching between the gels, intensity difference across the complete range of proteins available on the gels with the help of normal staining and multiplexing with different dyes in the same gel) , MW, Rf analysis, Microtiter plate, Eli-spot, Array & Dot Blot Analysis, Colony, Cell & GFP Yeast Counting, Q-PCR, Zymogram gel analysis, Gel Scoring, Band matching, RFLP, RAPD, Fingerprinting, Dendrogram creation, options for Dice, Jacard, Pearson, frequency, Similarity Coefficients & Cluster analysis with multiple methods including Neighbor joining, UPGMA, WPGMA, Simple linkage, complete linkage, ward, median, centroid etc., Multi-color fluorescence microscopy imaging & Movie Mode facility. Should include at least two standalone copies of the analysis software	Must have Stand-alone Software for enhancement, editing, annotation, archiving & analysis including features like 1-D multilane densitometry, 2-D spot densitometry (2D software should include a dedicated application related to protein profiling like Spot matching between the gels, intensity difference across the complete range of proteins available on the gels with the help of normal staining and multiplexing with different dyes in the same gel) , MW, R f analysis, Micro titer plate, Eli-spot, Array & Dot Blot Analysis, Colony, Cell & GFP Yeast Counting, Q-PCR, Zymogram gel analysis, Gel Scoring, Band matching, RFLP, RAPD, Fingerprinting, Dendrogram creation, options for Dice, Jacard, Pearson, Frequency, Similarity Coefficients. Should include at least two standalone copies of the analysis software.

All other Specifications shall remain unchanged

**Item No: 4**

**Name of Item: Vertical Gel Electrophoresis**

No Change

**Item No:5**

**Name of Item: HPLC System with Chromatographic Workstation**

Specification Sr. No.	Tender Specification	Amended As
	Should be FDA or CE or BIS approved product	Should be US FDA or European CE with four digit notified body number or BIS approved product

All other Specifications shall remain unchanged

Item No : 6

**Name of Item: Elisa Reader With Washer**

No Change

Item No : 7

**Name of Item: Ultra Centrifuge**

No Change

Item No : 8

**Name of Item: Cell Counter & Sizer**

No Change

Item No : 9

**Name of Item: Bench Top Flowcytometer**

Specification Sr. No.	Tender Specification	Amended As
	New Additional Point Added as Point No. 04	System should have PMT detectors.
	New Additional Point Added as point No. 05	System should have 0.1% carryover with cells
6	System should have sampler to fit in at least 20 tubes, 48& 96 microtiter plates.	System should have sampler to fit in at least 20 tubes, <b>48 / 96</b> microtiter plates.
11	Should be FDA or <b>CE-IVD</b> or BIS approved product.	Should be US FDA or European CE With Digit Notified body number / BIS approved

All other Specifications shall remain unchanged

Item No : 10

**Name of Item: Fraction Collector**

No Change

Item No : 11

**Name of Item: Beta Counter**

No Change

Item No : 12

**Name of Item: Western Bolt Apparatus**

No Change

**Item No. 32**

**Name of Item : Urodynamic System**

<b>Sl. No</b>	<b>Tendered Specifications</b>	<b>To Read as</b>
1	The unit should be able to perform CMG, Pressure flow, EMG, EMG with biofeedback, Video Urodynamics, Uroflowmetry (with one wired and one wireless uroflometer). For biofeedback, either software or separate module with wired/wireless EMG should be provided which has animated games incorporated. Probes for biofeedback should be provided (1 anal probe, 1 vaginal probe)	The unit should be able to perform CMG, Pressure flow, EMG ,EMG with biofeedback, Video Urodynamics, Uroflowmetry ( with one wired and one wireless uroflowmeter ). 1.a. System should be supplied with EMG having both visual & sound EMG (both needle & patch EMG) 1.b. Should be supplied with EMG biofeedback module for pelvic floor training
2	Video Urodynamic Table/Chair	Video Urodynamic Table/Chair
a	Radiolucent motorised chair to be provided capable of supine, sitting and standing position.	Radiolucent motorised chair providing eight positioning functions capable of supine, sitting and standing position
b		It should allow patient to remain in one place for preparation, filling and voiding phases of the urodynamic test
c		It should eliminate the risk of catheters falling out or getting misplaced during transfer or ambulation
d		Chair should be protected against water incursion
e		There should be double wheel rolling casters offering unencumbered maneuverability
f		There should be side mounted cantilevered design offering antero/posterior, lateral and oblique views without obstruction and to provide easier access to, and visualization of, the perineal area.
g		There should be radiolucent carbon fiber seat and back for head-to-toe imaging.
h		Weight capacity in standing position should be 250kg.
3	Equipment should have 5-8 pressure channels	Equipment should have 3 or more pressure channels
4	Should display atleast 10-16 display channel	Should display atleast 6 channels at a time
11	Should be supplied with integrated travel cart to fit the complete UDS alongwith DC	Should be supplied with integrated travel cart to fit the complete UDS along with DC/PC.
12	All in one PC/ computer Windows 7 or more, i5 processor, at least 4GB RAM, 1TB HDD with color laser printer, should have facility for USB port	All in one PC computer Windows 10 or more, i7 processor, at least 8 GB RAM, 1 TB HDD with color laser printer, should have facility for USB port
14	Should be supplied 19 inch flat screen monitor for display. Monitor should have facility of RGB output so that it can be projected on screen in conferences	Should be supplied 19" or more flat screen monitor for display. Monitor should have facility of RGB output so that it can be projected on screen in conferences
20	2 Lumen Catheter 8Fr - 50pcs; 5-6Fr - 50pcs	2 Lumen Catheter 8 Fr. - 50 pcs; 2 Lumen Catheter 6 Fr. - 5 pcs

26	Should be compatible for Hospital Information System	Deleted
28	95% uptime of the machine. Facility for good after sale & service with trained engineers posted at site. In case the down time exceeds 5 in a calendar year, the comprehensive warranty will be extended beyond 5 year for double the number of days for which the unit is non-functioning. Similar clause will apply each year of CMC.	There will be 95% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period. If non functioning period exceed 2 weeks at a stretch , a temporary standby machine of same specification should be provided
32	ADDED POINT:	Should be supplied with 3D Bladder scanner for PVR measurement for complete urodynamic studies

All other Specifications shall remain unchanged

**Item No. 33**

**Name of Item : Uroflowmetry**

	Specification	To be read as
11.	COMPUTER: Should be supplied as per the following configurations: 1 No	COMPUTER: Should be supplied as per the following configurations: 1 No : Windows 10 or more , 1 TB HDD, at least 8 GB RAM , i7 Processor, 19" or more flat screen monitor and Color LaserJet Printer, should have facility for usb port

**Item No. 31**

**Name of Item : Pneumatic Lithotripter**

**Existing EMD As:**

Sr. No.	Tender Ref	Name of Item	Qty.	EMD (Rs.)
1	HSCC/AIIMS – RAEBARELI/Hospital /07/2020 Dt. 04.09.2020	Item No. 31, Pneumatic Lithotripter	01 For Urology	40,000

**Amended EMD As:**

Sr. No.	Tender Ref	Name of Item	Qty.	EMD (Rs.)
1	HSCC/AIIMS – RAEBARELI/Hospital /07/2020 Dt. 04.09.2020	Item No. 31, Pneumatic Lithotripter	01 For Urology	55,000

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/CPMP 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.**