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Corrigendum for Tender of Equipment for Laboratories of Pathology Department

Tender Enquiry No. Store/Tender/ Equipment_for_Pathology_Department /1/2016

Dated: 03.05.2016

Sr. No.	Page no/ clause no	For	Read
1	As mentioned in tender document	Last date of submission is 05.05.2016 at 3:00 PM and opening of technical bid 05.05.2016 3:30 PM	Last date of submission is 16.05.2016 at 3:00 PM and opening of technical bid 16.05.2016 3:30 PM

SCHEDULE-1[GROSSING STATION (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 14/ Sr. no. 1	The equipment should be a floor mounted model	The equipment should be a floor mounted & should have hydraulic height adjustment facility from 2.5 feet to 3.5 feet approximately.
2	Page no. 14/ Sr. no. 2	There should be facility for audio recording and photography attachment. The photography attachment should have facility for enlargement.	There should be facility for video, audio recording as well as photography attachment. The photography attachment should have facility for enlargement. Should be supplied with the following: (i) Camera mount facility for digital camera to securely hold camera, should have adjustable ball and socket system, to let the user put camera right where he/she wants it and also should allow ease of adjustment & better coverage. (ii) Video camera mount which holds video camera securely, adjustable ball & socket system, in order to let the user to put the video camera right where he/she wants it & also allow for ease of adjustment & better coverage.
3	Page no. 14/ Sr. no. 3	There should be facility for digital measurement of grossing specimens	Should be supplied with the following: (1) Digital SLR Camera with 18-55 lens, CMOS Sensor, 16 GB card for recording good quality of photographs with computer interphase (18.0 Mega Pixel). HDMI cable & Carry bag should also be provided.

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			<p>(2) Video Camera: Quality should be suitable for purpose of recording grossing steps, a CC TV Camera should be provided. <u>Specification for CC TV Camera:-</u> 1. Should have 16 Mega pixel or better. 2. Optical Zoom-12x or better 3. Digital Zoom-16x or better 4. Focus-Autofocus 5. Built-Durable & robust, shock resistant and capable of withstanding light showers. 6. Video-Full HD 1080, should save still images during video recording. 7. Sensor-CMOS Sensor 8. Connectivity-USB 2.0 9. A compatible DVR with foot switch should be provided. 10. Memory-Minimum 16 GB Micro SD Card or better. 11. Dimensions-Less than 90 mm (w) x 90 mm (h) x 200 mm (d) 12. Weight-Not more than 900 gram. 13. Accessories- USB Cable, AC Adaptor, Power Cord, Lens Cap, Micro HDMI Cable. 14. Warranty-Two (2) years. (3) Digital voice recorder: Audio recorder stacked with premium features and enhanced DSS Player Pro with flex arm microphone and Dictation software for outstanding performance should be available.</p>
4	Page no. 14/ Sr. no. 4	There should be IT support for storage and retrieval of data recorded with TFT display and recording system.	<p>For IT support, the following should be supplied: (i) Computer from Branded company 3.0GHZ, Intel Core i5 or more ,4 GB DDR 3RAM or more, DVD writer, 500 GB or higher HDD, along with 18" Flat LED screen monitor, 2USB 2.0 port SD Card slot with in-built CPU. (ii)Mount for Monitor and keyboard with mouse.</p>
5	Page no. 14/ Sr. no. 5	There should be a formalin tank on top of the station with direct supply system to the work area.	There should be a formalin tank on top of the station with direct supply system to the work area or there should be a formalin container with spigot.
6	Page no. 14/ Sr. no. 6	Both water and formalin faucets should be available in the work area	Should have Hot and Cold water mixing faucet with foot operated control (foot switch/pedal) for hot and cold water On/Off.
7	Page no. 14/ Sr. no. 8	Exhaust with filters for formalin vapors should be available.	Should have Self Contained Ventilation Assembly with blowers & replacement filters. 10 additional filters should be provided.

Sr. No.	Page no/ clause no	For	Read
8	Page no. 14/ Sr. no. 9	Sink should have removable filters on drain to trap debris/ tissue bits.	Sink with removable filter and ½ hp Commercial Disposal system of corrosion resistant stainless steel construction with on/off switch should be provided.
9	Page no. 14/ Sr. no. 10	Working area should have good illumination.	ILLUMINATION: (i) Top mounted LED LIGHT fixtures (ii) Incandescent light with 3X MAGNIFIER mounted on flexible arm.
10	Page no. 14/ Sr. no. 12	Approximate size should be- breadth 6ft, depth 3ft, working area height 3ft.	Dimension of the table should be approximately: Length: 4.5 to 5.5 feet. Height (Lowest): 6.5 to 7.0 feet. Height (Fully elevated): 7.0 to 9.0 feet. Width: 2 to 3 feet.
11	Page no. 14/ Sr. no. 13	Sink with drain hose is required.	i. Equipment should have END RINSE ASSEMBLY (with ON/OFF valve) which allows debris to flow towards the sink basin. ii. Should be supplied with SPRAY HOSE with Easy grip assembly with flexible hose, conveniently placed for easy spray cleaning of debris. iii. DISSECTION BOARD: Polypropylene construction to help preserve dissecting knives and scalpels when in use. iv. REMOVABLE MEASURING RULE: Anticorrosive metal device for ruling a portion of the subject should be provided, the ruler should include a scale in centimetres and inches.
12	Page no. 14, Addendum as Sr. no. 16		<u>Following Accessories should be provided:</u> 1. KNIFE SHARPENER to provide straight and serrated edges; should be 100% diamond abrasive; should have a three step process to provide razor sharp edges. First step should be Sharpening, second step should be honing and the last step should be for stropping and polishing. 2. HAND HELD BONE SAW: Autopsy Saw with Bone vacuum dust collector having HEPA filter should be provided. Autopsy saw should come with 10 feet cord for greater mobility and with following blades and accessories:- (i) Round Blade without arbour (2.5 in/6 cm): 2 Nos. (ii) Section Blade without arbour (2.5 in/6 cm): 2 Nos. (iii) Standard Saw Arbor: 2 Nos. The saw should be able to be connected to the Bone Vacuum Dust Collector.

Sr. No.	Page no/ clause no	For	Read
			<p>Bone Vacuum Dust Collector should come with vacuum nozzle, disposable filter cartridge (HEPA Filter) and 10 feet power cable.</p> <p>3. C- FOLD PAPER TOWEL HOLDER: Made of stainless steel.</p> <p>4. EYE WASH DRENCH ASSEMBLY: Should have flip down way to remove eye contaminants, auto flow eyewash.</p> <p>5. HANDS FREE SOAP DISPENSER: should have pump mechanism to provide quick and precise dispensing; should be Deck or Wall Mount.</p> <p>6. ADJUSTABLE AND STATIONERY STAINLESS STEEL SHELVING to keep accessories</p> <p>7. WRITING PLATFORM with a lift over storage drawer.</p> <p>8. HANGING DIGITAL AUTOPSY SCALE with Scale Pole & Bracket factory fitted to weigh specimens of 0.1 Kg x 13.6 Kg</p> <ul style="list-style-type: none"> • Ability to 0 tare bow, ring and pan • Bow, ring and pan should be provided • The Scale Pole height should be able to be secured anywhere along with 360 degree turning ability <p>9. CASSETTE HOLDERS: three boxes which can be mount to rail in front of the grossing station.</p> <p>10. TWO FORM HOLDERS mounted on the table to store documents away from any fluids and risk of damage.</p> <p>11. GLOVE BOX HOLDER</p>

SCHEDULE-2 [AUTOMATED COVERSLEPPER (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 15/ Sr. no. 4	Should be used with common range of mounting media including mounting with wet mountants	Should be used with common range of mounting media including mounting with wet mountants or film cover slippers.
2	Page no. 15/ Sr. no. 8	Should be capable of being integrated with automated stainers.	Should be capable of being integrated with automated stainers of same manufacturer.

SCHEDULE-3 [AUTOMATED SLIDE STAINER (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 16/ Sr. no. 1	High throughput robotic stainer for multiple staining applications and should run at least 12 racks in parallel.	High throughput robotic stainer for multiple staining applications and should run in continuous operation.
2	Page no. 16/ Sr. no. 4	The equipment should have 26 reagent stations and 6 wash stations of 300-600ml capacity.	The equipment should have at least 26 reagent stations and 3 - 4 wash stations of 300 - 600ml capacity.
3	Page no. 16/ Sr. no. 14	Should be capable of being integrated with automated cover slipper.	Should be capable of being integrated with automated coverslipers of same manufacturer.

SCHEDULE-5 [LIQUID BASED CYTOLOGY SYSTEM (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 17/ Sr. no. 5	The retention of the brush head in the container eliminates the risk of any abnormal cells being discarded with the sampling device.	There should be provision of retention of the brush head in the container or rinsing of the brush head in collection vial after sample collection to eliminate the risk of any abnormal cells being discarded.
2	Page no. 17/ Sr. no. 6	Should preferably use an ethanol based preservative as the collection medium	Should preferably use an ethanol or methanol based preservative as the collection medium.
3	Page no. 17/ Sr. no. 7	Centrifugation process which effectively removes obscuring blood, mucus and polymorphs while still retaining the important diagnostic material.	Deleted
4	Page no. 18/ Sr. no. 9	Should be capable of handling a high throughput of 45-50 slides stained per hour.	Should be capable of handling a high throughput of 40 or more slides stained per hour.

SCHEDULE-6 [AUTOMATED CLINICAL ELECTROPHORESIS SYSTEM (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 19/ Sr. no. 2	It should be able to perform electrophoretic analysis of Acid & Alkaline Haemoglobin (Hb), serum/ urine Proteins, Bence Jones proteins, Isoenzymes and Lipoproteins. It should be capable of performing serum/ urine Immunofixations and Haemoglobin/CSF/Transferrin Isoelectric Focusing.	It should be able to perform electrophoretic analysis of Acid & Alkaline Haemoglobin (Hb), serum/ urine Proteins, Bence Jones proteins, Isoenzymes and Lipoproteins. It should be capable of performing serum/ urine Immunofixations and Haemoglobin/ CSF Isoelectric Focusing.
2	Page no. 19/ Sr. no. 3	It should have a wide Test Menu which include: Alkaline Hemoglobin electrophoresis; Acid Hemoglobin electrophoresis; Serum Protein electrophoresis; Immunofixation Violet; Immunofixation Blue; Bence-Jones protein electrophoresis and Immunofixation; Pentavalent Immunofixation; Hb/ CSF/ Transferrin	It should have a wide Test Menu which include: Alkaline Hemoglobin electrophoresis; Acid Hemoglobin electrophoresis; Serum Protein electrophoresis; Immunofixation Violet; Immunofixation Blue; Bence-Jones protein electrophoresis and Immunofixation; Pentavalent Immunofixation; Hb/ CSF/ Isoelectric Focusing; High resolution (H.R.) and Split Beta serum Protein electrophoresis; SDS

Sr. No.	Page no/ clause no	For	Read
		Isoelectric Focusing; High resolution (H.R). and Split Beta serum Protein electrophoresis; SDS Urine Protein electrophoresis; Lipoproteins; Cholesterols, LDH Isoenzymes; CK Isoenzymes; ALP Isoenzymes	Urine Protein electrophoresis; Lipoproteins; Cholesterols, LDH Isoenzymes; CK Isoenzymes; ALP Isoenzymes.
3	Page no. 19/ Sr. no. 5	The system should have capacity to run at least 20 protein samples, 12 haemoglobin samples and 6 immunofixations simultaneously on one gel.	The system should have capacity to run at least 20 protein samples, 12 haemoglobin samples and 4 immunofixations simultaneously on one gel.
4	Page no. 20/ Sr. no. 20	The instrument should have voltage range of 3.5 to 350 V, current range of 3.5 to 200 mA and power range of 0 to 30 W.	The instrument should have voltage range of 220 to 240 V
5	Page no. 20/ Sr. no. 24	To be supplied with computer (minimum i5 processor, 500 GB HDD and 4 GB RAM), A4 size laser printer and appropriate bar code reader.	To be supplied with Branded computer system with Core i5 processor, 4GB RAM, 500GB HDD, DVD R/R, 21” or better LED Monitor, Genuine Windows 8 or more, A4 size laser printer and appropriate bar code reader.

SCHEDULE-7 [FULLY AUTOMATED CAPILLARY ELECTROPHORESIS SYSTEM FOR HEMOGLOBIN & PROTEIN ANALYSIS (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 21/ Sr. no. 4	The system should be fully automated electrophoresis system based on Capillary Electrophoresis with at least 2 simultaneous migrations (of Protein electrophoresis, Hb electrophoresis, Immunotyping) with complete walk away technology including migration and quantification.	The system should be fully automated electrophoresis system based on Capillary Electrophoresis with 8 simultaneous migrations (of Protein electrophoresis, Hb electrophoresis, Immunotyping) with complete walk away technology including migration and quantification.
2	Page no. 21/ Sr. no. 5	The System should be able to have Cap Piercing capacity for improved workflow and Operator safety.	Deleted
3	Page no. 21/ Sr. no. 8	The through put of the system should be at least i. Hemoglobin – 8 samples/ hour ii. Protein – 20 samples/ hour iii. Immunotyping – 2 samples/ hour	The through put of the system should be at least i. Hemoglobin – 20 samples/ hour ii. Protein – 40 samples/ hour iii. Immunotyping – 4 samples/ hour
4	Page no. 21/ Sr. no. 15	To be supplied with computer (minimum i5 processor, 500 GB HDD and 4 GB RAM), A4 size laser printer and appropriate bar code reader.	To be supplied with Branded computer system with Core i5 processor, 4GB RAM, 500GB HDD, DVD R/R, 21” or better LED Monitor, Genuine Windows 8 or more, A4 size laser printer and appropriate bar code reader.

SCHEDULE-8 [FULLY AUTOMATED THREE PART HAEMATOLOGY ANALYZER (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 22/ Sr. no. 6	Should be capable of both closed and open vial sampling.	Should be capable of closed or open vial sampling.
2	Page no. 23/ Sr. no. 22	The instrument should have at least 200 installations in NABL accredited laboratories.	The instrument should have at least 100 installations in NABL accredited laboratories.
3	Page no. 23/ Sr. no. 28	To be supplied with computer (minimum i5 processor, 500 GB HDD and 4 GB RAM), A4 size laser printer and appropriate bar code reader.	To be supplied with Branded computer system with Core i5 processor, 4GB RAM, 500GB HDD, DVD R/R, 21” or better LED Monitor, Genuine Windows 8 or more, A4 size laser printer and appropriate bar code reader.

SCHEDULE - 9 [TEACHING MICROSCOPE] (Qty: 01 No.)

Sr. No.	Page no/ clause no	For	Read
1	Page no. 24/ Sr. no. 3	Illuminator: Lamp House for LED with connecting cable having life Span of 20,000 hrs approx	Illuminator: Lamp House for LED with connecting cable having life Span of 20,000 hrs or more
2	Page no. 24/ Sr. no. 10	Camera & Software: Digital Cooled CCD Camera approx 5 MP pixel size 4.65 mm x 4.65 mm, with 12 bit digitization, Fire wire port. Software to capture and image processing.	Camera & Software: Digital Cooled CCD Camera approx 5 MP pixel with 2/3 CCD, size pixel size 4.65 mm x 4.65 mm, with 12 bit digitization, Fire wire port. Software to capture and image processing, automatic colour balance control (White balance), file formats- JPEG, TIFF etc, Digital zoom function, gain & offset control, image capturing & analysis.
3	Page no. 24/ Sr. no. 12	Computer system: i5 processor, 4GB RAM 500 GB HDD, DVR R /W, TFT 21”.	Computer System: Branded computer system with Core i5 processor, 4GB RAM, 500 GB HDD, DVD R/R, 21” or better LED Monitor, Genuine Windows 8 or more.
4	Page no. 24/ Sr. no. 16	The microscope and camera should be from the same manufacturer.	The microscope, camera and software should be from the same manufacturer.
5	Page no. 24/ Sr. no. 18	Face to Face second observer attachment with binocular head and eyepiece 10x/ 20mm with LED Pointer, the head should be 360 rotatable.	Face to Face second observer attachment with binocular head and eyepiece 10x/ 22mm or more with LED Pointer, the head should be 360° rotatable.
6	Page no. 24/ Sr. no. 20	There should be provision for split screen display for simultaneous viewing of acquired as well as image.	There should be provision for split screen display for simultaneous viewing of acquired as well as live image.
7	Page no. 24/ Sr. no. 23	UPS backup for the duration of one hour to be provided.	Suitable Online UPS with one hour backup should be provided.

SCHEDULE-10 [DOUBLE DISTILLATION APPARATUS (QTY.: 01 NO.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 25/ Sr. no. 1	The glassware should be made of high quality borosilicate glass to withstand high heat.	The glassware should be made of all quartz to withstand high heat.
2	Page no. 25/ Sr. no. 6	Standards heating elements of 2.5-3KW to be used.	Standards heating elements of 8.8 KW to be used.
3	Page no. 25/ Sr. no. 12	Power input to be 220-240 VAC, 50 Hz	Power input to be 440 VAC, 3 Phase.
4	Page no. 25/ Sr. no. 16	UPS backup for the duration of one cycle of processing to be provided.	UPS backup for 1 hour duration to be provided.

SCHEDULE-11.3 THE COMPANY SHOULD PROVIDE FOLLOWING COMBINATIONS OF CARDS**/REAGENTS:**

Sr. No.	Page no/ clause no	For	Read
1	Page no. 27/ Sr. no. 3/ Para no. X	The Company should provide user list. a) The tenderer should provide the price list of all consumables required for Blood Grouping, coombs testing and quality control. b) The tenderer should also quote the price for single Blood Grouping and Coombs Test. c) Above two points will be considered while deciding L1 Bidder for the said system.	Deleted

SCHEDULE-1[GROSSING STATION (Qty: 01 No.)]

Sr. No.	Page no/ clause no	For	Read
1	Page no. 5/ Sr. no. 3	Delivery & Installation: The successful bidders should strictly adhere to the following delivery schedule supply, installation & commissioning should be effected within 6 weeks from the date of supply order and this clause should be strictly adhere to failing which administrative action as deemed fit under rules will be taken against the defaulter. Otherwise LD will be imposed as per clause no. 4. Purchase order will be placed as required by consignee.	Delivery & Installation: For this item the successful bidder may be considered for supply the same within 10 to 15 weeks . This clause should be strictly adhere to failing which administrative action as deemed fit under rules will be taken against the defaulter. Otherwise LD will be imposed as per terms & condition of tender document.