

Ref. No.: IGIMS/ 2021/ / Store

Date: /03/ 2021

E-Tender Notice No: 12/2020- 2021/Bio-Medical Equipment/IGIMS/Store

CORRIGENDUM

Amendment Notice to the Tender Document bearing E-Tender Notice No. 12/2020-21/Bio-Medical Equipment /IGIMS/Store for the Supply, installation and commissioning of Biomedical Equipment to the various dept. of IGIMS, Patna.

Amendments mentioned hereunder are notified:

Description	Specifications mentioned in the Bidding Document	Should be read as follows:
Group: A – Trauma & Emergency		
1. Anaesthesia Workstation		
Sl. No.: 1	System should be US FDA /European CE Certified	System should be US FDA and European CE Certified
Sl. No. : 6	Anaesthesia machine and all the attached devices must be of same manufacturer.	Anaesthesia machine and all the attached devices must be of same manufacturer Except Desflurane Vaporizer.
Sl. No. : 8 Point No. 2	Multi-color display of at least 10” size, with cascaded flow meters for O2, N2O & Air	Multi-color display of 15 Inch or more size touch Screen with virtual flow meters and Electric gas mixing
Sl. No. : 8 Point No. 9	In case of O2, failure machine should automatically switch over to ambient air	should provide easy to use spirometric monitoring for continuous analysis of respiratory flow, pressure & volume parameters during anaesthesia
Sl. No. : 11 Point No. 11	It should be electronically driven and electronically controlled to save a lot on driving gas cost and also making it minimal flow capable.	It should be electronically / Pneumatically driven and electronically controlled to save a lot on driving gas cost and also making it minimal flow capable.
Sl. No. : 12	Anaesthesia Monitoring Specifications: Minimum 19” Screen	Anaesthesia Monitoring Specifications:18 to 20” Screen (USFD and Europeans CE approved)
Sl. No. : 12 Point No. 10	Should have inbuilt rechargeable battery for uninterrupted operation at least 120 minutes.	Should have inbuilt rechargeable battery for uninterrupted operation 60 minutes or more.
Sl. No. : 12 Point No. 12	Monitor should provide easy to use spirometric monitoring for continuous analysis of respiratory flow, pressure & volume parameters during anaesthesia & intensive care of ventilated patients	To be deleted
Sl. No. : 13 Point No. 2	Adult/ Paediatric/ Spo2 probe - 02 No	Adult/ Paediatric/ Spo2 probe - 10 each
Sl. No. : 13 Point No. 3	NIBP cuffs for Adult& Pediatrics - 2 No each (Different sizes)	NIBP cuffs for Adult& Pediatrics - 5 each (Different sizes)
Sl. No. : 13 Point No. 4	Temp Probe - 02 Nos. (Skin & esophageal/ rectal one each).	Temp Probe - 02 Nos. (Skin & esophageal/ rectal two each).
Sl. No. : 13 Point No. 9	Transducer (05).	Transducer (50).
2. High- End Multi-Parameter		
Sl. No. : 1	System should be US FDA / European CE Certified	System should be US FDA and European CE Certified
Sl. No. : 4 Point No. 1	Minimum 15-inch-high resolution colour TFT screen / Touch Screen	18-20-inch-high resolution colour TFT Touch Screen
Sl. No. : 4	Add on	Monitor should display ECG, Resp SPO2, NiBP, 2 Temp as a standard and 4 IBP& Side stream/Micro stream EtCO2 to be quoted as optional
Sl. No. : 4 Point No. 5	Max 720 hours trend review, 2880 sets NIBP data storage	72 hours trend review 1000 sets NIBP data storage
Sl. No. : 4 Point No. 11	Optional parameters – Dual TEMP, ETCO2,Single/Dual IBP, AGM, Nellcor / Masimo	Optional parameters – ETCO2,Single/Dual IBP, AGM, Nellcor / Masimo SpO2

	SpO ₂ .	
Sl. No. : 6 Point No. 9	High resolution: minimum 15" color TFT display	18-20-inch-high resolution colour TFT display with Touch Screen
Sl. No. : 9 Point No. 2	NIBP cuffs separate for adult Paediatric-2 Sets	NIBP cuffs separate for adult Paediatric-5 No. of Each
Sl. No. : 9 Point No. 3	Optional Etco ₂ module with all accessories	Optional Item 10 No of EtCO ₂ water trap with each
Sl. No. : 9 Point No. 4	Reusable Spo ₂ probes adult/ Paediatric- 2 Sets	Reusable Spo ₂ probes adult/ Paediatric-2 each with cable
Sl. No. : 9	Add on	1.Skin and Rectal Probe - 01 No. each 2.IBP Intermittent cable - 02No with each 3.IBP Disposable transducer - 10 No. with each 4.Wall Mount - 01 No with each 5.Optional Sample Line – 01 No of each
Sl. No. : 10 Point No. 2	Flow rates – minimum 120 ml/min	Flow rates – minimum 50 to 150 ml/min
Sl. No. : 10 Point No. 4	Add on	10 No of EtCO ₂ water trap with each
3. Video Endoscopy System		
No Change.		
4. Electrosurgical unit		
Sl. No. : 8	It should have three bipolar modes with maximum power of 70 W	It should have three bipolar modes with maximum power of 70 W – 90 W
Sl. No. : 25 Point No. b	Reusable Neutral Plate -2 no	Reusable Neutral Plate -2 no or 100 Disposable Neutral plate
5. Patient Body Warmer		
Sl. No. : 5	Hose must have four rectangular openings at the end to allow airflow in case blanket is causing occlusion.	Hose must have four rectangular openings or Circular openings at the end to allow airflow in case blanket is causing occlusion.
Sl. No. : 18	Should be supplied with 100 adult warming blankets.	Should be supplied with 10 adult warming blankets.
Sl. No. : 19	Disposable warming blankets in various sizes full body, upper body; lower body etc. should be available for supply as and when required.	Disposable warming blankets in various sizes full body, upper body; lower body etc. should be available for supply as and when required. Price of blankets should be quoted for separately for further requirements.
Group-B: Trauma & Emergency		
1. ECMO		
No Change.		
Group-C: Tissue Bank		
No Change.		
Group-D: Orthopaedics		
1. Operating Microscope Ultra High-End		
No Change.		
2. Modular C-arm with Flat Panel Detector		
Components: Sl. No. : 1	II TV SYSTEM	Flat Panel detector with Imaging Workstation
Components: Sl. No. : 1 Point No. a)	Dynamic Flat Panel Detector (FPD) available in 20 cm x 20 cm and 30 cm x 30 cm size (as per user intended applications).	Dynamic Flat Panel Detector (FPD) available in 26 cm x 26 cm or 30 cm x 30 cm size (as per user intended applications).
Components: Sl. No. : 1 Point No. e)	Fluoro Radiography and Angio acquisition should be possible and play up to 30 frames/sec.	Fluoro should be possible and play up to 30 frames/sec and Angio Acquisition should be possible and play up to as 6 frames/sec
Components: Sl. No. : 2	Rotation: ± 90 Degrees.	Rotation: ±180 degrees

Point No. 2		
Components: Sl. No. : 4 Point No. 1	High Frequency X-Ray generator with power output of 6 KW or more should be Provided	High Frequency X-Ray generator with power output of 15 KW or more should be Provided
Components: Sl. No. : 4 Point No. 6	Max mA: 200 mA -	mA: 100 to 125 mA
Components: Sl. No. : 7 Point No. a)	Trolley to house the unit should be provided.	Trolley to house the unit should be provided. Unit should have integrated memory system mounted on Trolley
Components: Sl. No. : 7 Point No. b)	Suitable capacity of servo Stabiliser of reputed company and UPS of 2 KVA for the system should be provided (at least 30 minutes backup).	Suitable capacity of servo Stabiliser of reputed company and UPS of 2 KVA for the system should be provided (at least 30 minutes backup) or Suitable capacity of Online UPS to supplied with 30 minutes backup)

Group-E: Radiology

1. Digital Substraction Angiography Unit For Diagnostic And Interventional Purpose

	Add on	System should be latest model & top of line as of today.
X-ray tube	Anode heat storage capacity should be 3.5 MHU	Anode heat storage capacity should be 3.3 MHU
Image acquisition system	1. System should have substracted 3D facility	1. System should have substracted 3D facility with 3D roadmap. 2. Dlicated software package for planning and Image guidance for application like Liver embolization procedure, TACE procedure and further should have a facility to overlay on the live X-Ray images
Patient Table	Table top rotation +- 180 deg	Table top rotation + 180 deg / -90 deg
Turnkey	VRB air conditioning	1. Flooring: Vinyl Floor (at least 2 mm) in DSA room, equipment room and UPS room 2. False ceiling: DSA room: Modular type Metal false ceiling, 600 x 600 mm. 3. High quality LED lighting with 500 lux illumination 4. Omit VRB system. Entire carpet area should be air conditioned with AC of appropriate tonnage and with 100% backup. Sufficient number of AC should be provided for round the clock service.

2. Purchase of equipment for dosimetry, QA & QC of X-ray generating equipment:

No Change.

Group-F: ENT

1. Co₂ Laser Free Beam and Fiber with Scanner and Accessories for ENT Surgeries

Point No. 2	It should have in between 50-60 watts power.	It should have in between 40-60 watts power.
Point No. 31	It should have a power transmission of greater than 90%, with unlimited power input.	It should have a power transmission of greater than 70%, with unlimited power input.
	Add on	It should have dedicated fiber for otology along with otology stainless steel hand pieces.
	Add on	Should include detachable ultrathin tips (disposable) for hand pieces, straight & curved, outer diameter of which should be between .6 mm to .8 mm, should include sterile drapes, length 160-170 cm of same principle manufacturer.
	Add on	Robotic Drop in Guide: Should include company manufactured flexible insert to be used along with fibers through 5-6 mm trocar sleeve channel to collaborate the advantages of Laser to robotic Surgery. Fiber should with stand the multiple angles of articulation imposed by the Robot.

Group-G: Urology

1. Electeromagnetic Shock Wave Lithotripter (ESWL)

Turnkey work	Add on	<p>Scope of Turnkey Work</p> <ol style="list-style-type: none"> 1. Visit the site to make necessary changes in the existing ESWL Room. 2. Carpet Area approx 1000 sq feet. 3. Partition or modification of room to make console room. 4. Lead glass window of minimum size 600 m x 900 mm with frame in between console room and ESWL Procedure room. 5. Floor: Vitrified tiles in Procedure room and console room. 6. False Ceiling: Modular type false ceiling with adequate Led lighting. 7. Wall: Ceramic tiles up to ceiling height in ESWL Procedure Room & Console room or Wall paint with enamel coating after proper preparation. 8. Doors: Wooden doors with lead shielding as per AERB norms. For ESWL Procedure room and console room. 9. Electrical : Power will supplied by the hospital authority to UPS room after that all necessary work will be done by vendor, adequate light and power point to e considered in whole area. 10. Earthing: 1 separate copper plate earthing. 11. Air Conditioning: The entire carpet area should be air conditioned with AC Machine of appropriate tonnage to maintain temperature 20 to 22 degree Celsius. 12. UPS: 10 KVA online UPS with 30 minutes battery backup.
Furniture	Add on	<p>Furniture:</p> <ul style="list-style-type: none"> Wooden table for console room- 1 no. Revolving chairs on wheels with arm rest- 2 nos. Cup Board in console room – 1 no. Lead Apron – 5 nos. Lead Thyroid Shield- 5 nos. Lead Apron holder- 2 nos. Foot Step- 1 no. 3 + 2+ 1 – sofa Set for Patient waiting area + Centre table
AERB Norm	Add on	<p>AERB Norms:</p> <ol style="list-style-type: none"> 1. Lead pasting on doors. 2. QA Test
Buyback offer	Add on	<p>Buyback offer:</p> <p>Bidders are requested to visit and observe the existing ESWL Machine (Make: Dornior; Model: Delta Compact II) installed in the department of Urology and submit their offer for buyback of the system. Please note that the proposed system against this tender will be installed at the same place.</p> <p>Lowest bidder will be decided based on the quoted system price, offered accessories, turnkey cost and the cost of CAMC for period of 7 years after expiry of warranty period of 3 years minus buyback offered price.</p>

Group-H: RIO

No Change.

Amendments mentioned hereunder are notified:

Description	Specifications mentioned in the Bidding Document	Should be read as follows:
Last date & Time for submission / uploading of complete tender at www.eproc.bihar.gov.in .	13/ 03 / 2021 up to 17.00 Hours	25/ 03 / 2021 up to 17.00 Hours
Last date, time and place for submission of hard copy of the Technical bid along with EMD & Tender Document Fee at Director's office, I.G.I.M.S., Patna by Speed / Registered post / Courier only	15/ 03/ 2021 up to 16.00 Hours, at Director IGIMS, Patna- 800014 (Bihar)	26/ 03/ 2021 up to 16.00 Hours, at Director IGIMS, Patna- 800014 (Bihar)
Date, Time and Place of opening of Techno Commercial bid only on www.eproc.bihar.gov.in .	16/ 03/ 2021 at 15.00 hours on www.eproc.bihar.gov.in	30/ 03/ 2021 at 15.00 hours on www.eproc.bihar.gov.in

Note:

1. All other specification, terms and conditions of the original tender documents shall remain unchanged.
2. This amendment shall be part of the tender document and become effective immediately is supersession to the earlier corresponding version.

The document also can be downloaded from www.eproc.bihar.govt.in and the IGIMS website www.igims.org.

sd/r
Faculty In-charge, Store & Procurement,
I.G.I.M.S. - Patna.

Date: 8 /03/2021

Ref.: IGIMS/ 2021 / 300 / Adm. / Store.
Copy to: Superintendent Engineer (Bio- Medical): For uploading at Institute Website.

[Signature]
Faculty In-charge, Store & Procurement,
I.G.I.M.S. - Patna.