

Amendment No. II Dated 08.10.2018
HSCC/PUR/CNCI/Kolkata/Medical Equipment/06 dt. 04.09.2018

Procurement of Medical Equipment CNCI 2nd Campus.

All bidders are requested to note the following:

Item No.01- High end C Arm

Tender Specifications	May please be read as
<p>Added</p>	<p align="center">1. Generator and X-ray Tube:</p> <p>A. Generator should be microprocessor controlled with power output of 15KW or more with the each of following modes :</p> <ol style="list-style-type: none"> 1. Continuous boost Fluoroscopy. 2. Digital Pulsed Fluoroscopy. 3. Digital Radiography mode. <p>B. The range of KV should be 40 to 120KV or more</p> <p>Give details of:</p> <ol style="list-style-type: none"> 1. mA for each mode. 2. Pulse width. 3. Pulse rate. <p>C. The Generator should be capable of providing Pulse Fluoroscopy with Pulse rates up to 20 frames/sec or more.</p> <p>D. X-ray tube should have a:</p> <ol style="list-style-type: none"> 1. Rotating Anode X-ray tube type. 2. Focal spot of nominal value suitable for Fluoroscopy and Radiography. 3. Nominal X-ray tube voltage 110 KV. 4. Inherent filtration 3.0 Al equivalent. Please mention additional filters available. 5. Automatic Dose Control. <p>E. Collimator unit :</p> <ol style="list-style-type: none"> 1. Shutters/Diaphragm for radiation free collimation and 360° rotation. <p>F. Grid details to be provided</p>
<p>Point 02 Angulations and orbital movement Horizontal movement Longitudinal movement Swivel range Source to detector distance The system should have a minimum of 68 cm free space within</p>	<p>A. Give details of:</p> <ol style="list-style-type: none"> a. Angulations and orbital movement b. Horizontal movement c. Longitudinal movement d. Swivel range e. Source to detector distance <p>B. The system should have a minimum of 68 cm free space within the C-Arc to provide a large imaging space.</p>

the C-Arc to provide a large imaging space. The C-Arm depth should be 60 cm or deeper to provide a large imaging space and C-Arm clearance around the patient and the imaging table. The C-Arm should have manual rotation of +/- 1800 to allow the imaging chain to accomplish angled protections.	C. The C-Arm depth should be 60 cm or deeper to provide a large imaging space and C-Arm clearance around the patient and the imaging table. D. The C-Arm should have manual rotation of +/-180° to allow the imaging chain to accomplish angled projections.
3. Flat Detector System	
The System should have a Flat Detector with Cesium iodide Scintillator for excellent resolution and minimum noise.	The System should have a Flat Detector with Cesium iodide Scintillator/CMOS for excellent resolution and minimum noise.
The size of Detector should be at least 26 x 26 cm	The size of Detector should be at least 30x 30 cm or more.
The pixel size should be 195 micron or less.	The pixel size should be 198 micron or less.
The System should be equipped with two high resolution 18” LCD/TFT monitors with Image matrix at least 1024 x 1024.	The system should have at least two 18” TFT/LCD monitors with extra high brightness with 1024X1024 pixels” or 32” large display high brightness monitor with touch screen & split screen facility
Alphanumeric keyboard for entering patient data and for image annotation etc.	Deleted
5. (i) 3 D Image acquisition & processing	Deleted
% (ii) Vascular Processing Software with features like Roadmap, Subtracted Fluoroscopy mode etc.,	Tender terms prevails
5. (v) Interactive real time 3D image visualization	Deleted
6. (ii) Should be possible to archive images on CD R/W DICOM 3 format.	Should be possible to archive images on CD R/W DICOM 3/USB format
7. (i) Online UPS for least 30 minutes back up for system/digital back up	Online UPS for least 30 minutes back up for complete system/digital back up.
9. (i) Quoted equipment should meet European CE or USA FDA approvals standards.	Tender terms prevails
	Drawing area of room and more details explanations/scope of turnkey work as required As per AERB guidelines and site inspection.

Item No.02- Fully Automated Biochemistry Analyzer

Tender Specifications	May please be read as
II. Minimum sample volume should be 1.6 ul	Minimum Sample volume should be 2 ul
16. Water consumption should not be more than 25 litres/hours	Bidder should supply Type II Deioniser system along with the main instrument
17. System should be offered with automated bar coded tube labeller system with automatic tube selection and bar code sticking on tube automatically to avoid mishandling of samples.	System should be offered with minimum 120 tube capacity and 20 tubes per bin automated bar coded tube labeller system with automatic tube selection and bar code sticking on tube automatically to avoid mishandling of samples.
Added	LIS/LAN system including software should be provided by the bidder

Item No.03- Chemi Lumiscence immune analyzer

Tender Specifications	Bidder request
Sample Capacity: Minimum sample capacity should be 135	Minimum sample capacity should be 55/60
Water requirement: Purified water treatment plant should be supplied along with the instrument	Deleted
Automated Bar-coded sample Tube labeller System should supply along with the system	System should be offered with minimum 120 tube capacity and 20 tubes per bin automated bar coded tube labeller system with automatic tube selection and bar code sticking on tube automatically to avoid mishandling of samples.
Following parameters should be available with the instruments: AFP, CA 125, CA 15-3, CA 19-9, CEA, Hcg/beta-hCG, PSA, T3, T4, TSA, LH, Prolactin, Free PSA, FSH, HBe2.0, HBsAG, HIV AgAbcombo, HIV 12gO, HAVAB. HAV AB-M2.0, HBe2.0, Insulin, BNP, B12, Anti-TPO, Anti HCV, Anti HBe2.0, CD117, CD 20 etc.	Following parameters should be available with the instruments: AFP, CA 125, CA 15-3, CA 19-9, CEA, Hcg/beta-hCG, PSA, T3, T4, TSA, LH, Prolactin, Free PSA, FSH, HBe2.0, HBsAG, HIV AgAbcombo, HIV 12gO, HAVAB. HAV AB-M2.0, HBe2.0, Insulin, BNP, B12, Anti-TPO, Anti HCV, Anti HBe2.0.
Added	1. Quality: Instrument should be CE & US-FDA approved
Added	2. LIS/LAN system including software should be provided by the bidder.

Commercial Amendment

Tender Specifications	May please be read as
Payment Terms:	Tender Terms Prevails
23 Liquidated Damages: 23.1 Subject to GCC clause 26, if the supplier fails to deliver any or all of the goods or fails to perform the services within the time frame(s) incorporated in the contract, the Purchaser/Consignee shall, without prejudice to other rights and remedies available to the Purchaser/Consignee under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% per week of delay or part thereof on delayed supply of goods and/or services until actual delivery or performance subject to a maximum of 10% of the contract price. Once the maximum is reached Purchaser/Consignee may consider termination of the contract as per GCC 24.	Tender Terms Prevails
The pre delivery inspection carried out by third party inspection agency viz LLOYDS/SGS /Bureau Veritas/ TUV or any other with same high status inspection agency. The suppler shall arrange III party inspection agency approved by HSCC. All charges for III party inspection shall be borne by the supplier. Therefore same charges shall take into consideration in its bid.	Tender Terms Prevails
<u>Delivery period</u>	Tender Terms Prevails
Reimbursement of Custom Duty & GST: CNCI deserves for customs duty exemption through DSIR certificate	Tender Terms Prevails
There will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double	Tender Terms Prevails

<p>the downtime period. For major equipment the penalty will be as under:</p> <p>i) Liner Accelerator -Rs. 25,000/- per day, 8 hours working basis.</p> <p>ii) Brachytherapy –Rs. 10,000/- per day, (8 hours working basis).</p> <p>iii) CT Simulator –Rs. 10,000/- per day, (8 hours working basis).</p> <p>iv) CT Scan, Gamma Camera –Rs. 10,000/- per day, (8 hours working basis).</p> <p>v) MRI, PET –Rs. 15,000/- per day, (8 hours working basis).</p> <p>vi) X –ray, MMG –Rs 2,000/- per day, (8 hours working basis).</p>	
<p>There will be 98% 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.</p>	
<p>Within 7 days PROFORMA INVOICE in hard copy shall be submitted by supplier i.e. manufacturer and their Indian authorized agency.</p>	<p>Tender Terms Prevails</p>

All other terms and conditions of the tender enquiry document shall remain unchanged. Prospective bidders are advised to regularly visit HSCC website/ CPP as corrigendum /amendments etc. if any, will be notified on this portal only, no separate advertisement will published in the newspapers.

Sr. CGM-I, HSCC (I) Ltd
For & on behalf of Director CNCI, Kolkata