

Amendment No. 1**11.02.19****Sub: Amendment to the Bidding Document****Ref.: Notice Inviting Bid ref. HITES/PCD/NCI-AIIMS/38/18-19 dated 09.01.2019**

The following changes have been authorised and are being incorporated in the above referred Bidding Document.

SECTION – I**NOTICE INVITING BIDS (NIB)**

Description	Existing	Amended as
Last date and time of online submission of tender	12.02.2019 at 12:00 noon	26.02.2019 at 12:00 noon
Last date and time of physical submission of EMD, Tender processing Fee, any other document specified in the Bidding Document	12.02.2019 at 2:00 pm	26.02.2019 at 2:00 pm
Date of tender Opening	12.02.2019 at 2:30 pm	26.02.2019 at 2:30 pm

SECTION – VII**TECHNICAL SPECIFICATION AND GENERAL POINTS****A. TECHNICAL SPECIFICATION:****Item No:- 1. (Rfx no. 3000003724)****256 Slice CT**

Sl. No.	Reference to the bidding document	Existing Specification	Amended as
1	Page no. 45; Para: 4.5	Foot pedal/switch: Four pairs of foot pedals should be supplied with the system	Foot pedal/switch: One pair of foot pedals should be supplied with the system

2	Page no. 47; Para: 11.5	Body perfusion : Minimum 14 cm of coverage in single uninterrupted scan of body and head	Body perfusion: Minimum 8 cm of coverage in single uninterrupted scan of body and head.
3	Page no. 47; Para:13.6.2	USFDA approved RIS of reputed make with necessary software and hardware should be provided. It should be capable of examination scheduling, worklist generation, MPPS, patient registration, completion of examination. Editable reporting template creations and reporting read, write and approve/Signoff should be provided. Printing of appointments, patient instructions and final reports should be possible. Unlimited licences for DICOM imaging modalities, radiology workstations, viewing stations and concurrent users should be provided. The system should use patient hospital ID number (UHID) for fetching patient demographics from HIS and for access, creation and modification of patient record, general and configurable filtered search of the record. Access to RIS should be user ID and password controlled with various layers of user privileges. RIS should maintain log of activities	Deleted

Added BOQ - 256 Slice CT

Sl. no.	Name of Item	Qty/Unit	UOM
1	CT Scanner 256 SLICE CT with all application including Dual energy ,as specified	1	no.
2	Servers: as specified	1	no.
3	Client hardware with monitors, CPU ,UPS and basic capabilities mentioned in specification	3	no.
4	Advanced applications as specified	1	Ls.
5	Additional online image storage as specified	1	Ls.
6	Dry imager : as specified	1	no.
7	Lead Glass of 200 x 100 cm.	1	no.
8	UPS as specified	1	No.
9	Pressure Injector	1	no.
10	Pressure Injector Syringes	100	no.
11	Patient Tubings	300	sets
12	Filling tubings	300	sets
13	Patient Positioning Accessories as specified	1	no.
14	Patient communication System as specified	1	no.
15	Crash Cart	1	no.
16	Light weight Zero Lead aprons with hangers	4	no.
17	Lead apron stand	1	no.

18	Components of Site Modification Work :		
19	Civil works as specified	1	Ls.
20	Electrical work as specified	1	Ls.
21	Air Conditioning	1	Ls.
22	Interior Furnishing & Furniture as specified	1	Ls.
23	Fire alarm and detector as specified	1	Ls.
	Furniture:		
24	Revolving chairs height adjustable, medium-back with hand-rest	4	no.
25	Chairs for patient waiting area – Three seater (chrome plated).	10	no.
26	Cupboard with laminate door shutters for storage of spare parts and accessories and records as per requirement.	3	no.
27	Drug trolleys	1	no.
28	Patient trolley with rubber foam mattress	1	no.
29	Tables for Workstation and Radiologist	2	no.
30	Sinages for all rooms	1	Ls.
31	Dustbins	10	No.
32	Change Lockers and dressing table for changing room	1	Ls.
	Miscellaneous:		
33	LED X-ray Film viewer	2	No.
34	Cabling of Network (LAN) connectivity for camera system, console system, workstation ,servers and computers etc.	1	Ls.
35	Cabling for Broad band Connection : for remote service of CT System	1	Ls.
36	Sink in preparation room	1	No.

Item No:- 2. (Rfx no. 3000003725)

Ultrasound Machine- High End

Sl. No.	Reference to the bidding document	Existing Specification	Amended as
1	Point 2 , page 56	Shear Wave Ultrasound Elastography Imaging should be provided to evaluate Relative Tissue Stiffness for breast, liver, prostate and other small part applications on convex, linear and endocavity transducers, as asked.	Shear Wave Ultrasound Elastography Imaging should be provided to evaluate Relative Tissue Stiffness for breast, liver and other small part applications on convex and linear transducers as asked.
2	Point 17 , page 56	The system should have fusion imaging, capable of review of CT & MRI images alongside real time ultrasound imaging and also to be able to use this	The system should have fusion imaging, capable of review of CT & MRI images alongside real time ultrasound imaging and also to be able to use this

		multimodality data to assist ultrasound guided interventions in real time.	multimodality data to assist ultrasound guided interventions in real time with Needle Navigation facility.
Added BOQ - Ultrasound Machine- High End			
Sl. no.	Name of Item	Qty/Unit	UOM
1	Ultrasound Machine High End as per technical specification	1	no.
2	Convex Array Transducer 2-5 MHz (\pm 1 MHz) or higher range	1	no.
3	High Density Linear Transducer 7-15 MHz (\pm 1 MHz) or higher range	1	no.
4	Linear transducer of 5-10 MHz (\pm 2 MHz) or higher range and should be compatible for contrast enhanced imaging if not compatible for CE imaging, then separate linear probe should be quoted. Shear Wave Ultrasound Elastography Imaging should be available.	1	no.
5	Small foot print micro-convex (footprint max. 30 mm) transducer with reusable biopsy guide	1	no.
6	Broad band Endocavitary Probe with frequency range 5 - 12 MHz (\pm 2 MHz) or higher range with reusable biopsy guide	1	no.
7	On line UPS for 30 minutes back up	1	no.

Item No:- 3. (Rfx no. 3000003726)**Ultrasound Unit - Portable****Added BOQ :**

Sl. no.	Name of Item	Qty/Unit	UOM
1	Ultrasound Unit - Portable as per technical specification	1	no.
2	Convex Array Transducer with frequency range of 3-5 MHz (+/- 1 Mhz.) or wider range	1	no.
3	Linear Array Transducer with frequency range of 6-13 MHz (+/- 1 Mhz) or wider range	1	no.
4	Phased array probe with frequency range of 2-4 MHz (+/- 1 Mhz) with basic cardiology package	1	no.
5	Endocavitary Transducer with frequency range of 5-8 (+-1) MHz or wider range, with add-on biopsy guide needle holder	1	no.
6	Small footprint transducer for pediatric applications.	1	no.
7	Trolley	1	no.

Item No:- 4. (Rfx no. 300003727)**Radio-Frequency Ablation System****Added BOQ :**

Sl. no.	Name of Item	Qty/Unit	UOM
1	Radio-Frequency Ablation System as per technical specification	1	no.
2	Electrode set of 2 cm active-electrode length	5	no.
3	Electrode set of 3 cm active-electrode length	5	no.
4	Trolley	1	no.

Item No:- 5. (Rfx no. 300003728)**C-Arm**

Sl. No.	Reference to the bidding document	Existing Specification	Amended as
1	Page 62, A1	The system should have a minimum of 77 cm free space within the C-Arm to provide a large imaging space.	The system should have a minimum of 75 cm or more free space within the C-Arm to provide a large imaging space.
2	Page 62, A2	The C-arm depth should be 67 cm or more to provide a large imaging space and C-arm clearance around the patient and the imaging table	The C-arm depth should be 65 cm or more to provide a large imaging space and C-arm clearance around the patient and the imaging table
3	Page no. 62 Point No. B 13	The tube housing heat storage capacity should be a minimum of 2000 KHU.	The tube housing heat storage capacity should be a minimum of 1500 KHU .
4	Point C 2	The Size of the detector should be of min 28 cm X 28 cm .	The Size of the detector should be of minimum 26 cm X 26 cm .
5	Page 63, point F2	Equipment should have AERB Type Approval Certificate for radiation safety	Equipment should have AERB Type Approval/ NOC Certificate for radiation safety. Model which do not have AERB Approval may be supplied with the undertaking that the supplier shall be responsible for obtaining the AERB Type approval of the system within reasonable time, at no cost nor liability to the Institute.

6	Page 63, G1	Lead Aprons with all round protection	Zero Lead radio-protective apron with all round protection with hanger
7	Page 63, G2	Lead Aprons with front protection	Zero Lead radio-protective apron with front protection with hanger
8	Page 63, BOQ no. 2	Lead Aprons with all round protection	Zero Lead radio-protective apron with all round protection with hanger
9	Page 63, BOQ no. 3	Lead Aprons with front protection	Zero Lead radio-protective apron with front protection with hanger
10		Added BOQ no. 7:	Lead Apron Stand qty.- 2 Nos.

All other contents of the Bidding Document including terms & conditions remain unaltered.