HSCC/Medical Equipment/SJH Date: 24.9.2015

Amendment-VII

Ref.: IFB No. HSCC/SJH/Medical Equipment/2015/7 Dated 24.7.2015

Sub.: Procurement of Medical Equipment for New Emergency Block & Super-Specialty Block at Safderjung Hospital, New Delhi.

The amendment for Item No. 1 to 6 (Urology Eqpt.) are as attached and their bid submission date extended from 24.9.2015 to 06.10.2015.

All other tender terms and conditions remain unchanged.

Amendment to be issued will be uploaded on websites www.tenderwizard.com/HSCC & www.hsccltd.com.

Medical Superintendent
Safderjung Hospital & VMMC,
New Delhi.

	Tender No. HSCC/SJH/Med.Eqpt./2015/7 Dt. 24.7.2015. - Amendment				
Sr. No.	**name of equipments**	**tender clause**	**As per Tender**		**Amendment**
2	**Electro Surgical Unit**				Warranty on main unit and double foot switch for 5 years & there will be limited warranty on accessories for 1 year
4	**Urology Mobile C-Arm**				
		5	**X – RAY GENERATOR**		
		A	High Frequency X-Ray Generator with power output 6KW or more should be provided.		We need high end C-arm with generator of atleast 5KW or more
		B.5	Fluoroscopy mA output: upto 5 mA or more (Normal Fluoroscopy)		Fluoroscopy mA output: upto 25 mA or more, as we need high end C-Arm
		6	**X – RAY TUBE**		
					High heat unit confirms the prolong use of Carm without being heated up.
		7	CONTROL PANEL		
		8	**STAND**		
		D	Wig wag: ± 12.5º (25º)	Wig wag: ± 10º (20º)	Wig wag: ± 10-15º (20-25º)
		10	**Memory System**		
		C	Boosted Fluoroscopy (CINE) up to 30 FPS with real time recording on Hard Disk Drive.		Boosted Fluoroscopy (CINE) up to25- 30 FPS with real time recording on Hard Disk Drive.
		D	More than 1000 image storage capacity in 1K x 1K format		More than 50000 image storage capacity in 1K x 1K format
		14	**OTHER REQUIREMENTS**		
			The company should be ISO 9001:2000, ISO 13485: 2003.		The company should be ISO 9001:2000, ISO 13485: 2003/European Certified/ USFDA approved.
		5	**X – RAY GENERATOR**		
		B.4	Radiographic mA Range: more than 80 mA		Radiographic mA Range: more than 60 mA
		7	**CONTROL PANEL**		

		E	Radiographic Mode (cassette exposure) up to 120 KV & more than 80mA.		Radiographic Mode (cassette exposure) up to 120 KV & more than 60mA.
		8	**STAND**		
		D	Wig wag: ± 12.5º (25º)		Wig wag: ± 10-15º (20-25º)
		10	**Memory System**		
		C	Boosted Fluoroscopy (CINE) up to 30 FPS with real time recording on Hard Disk Drive.		Acquisition on 25 or 30 FPS is same during cine mode. Hence please include this amendment.
		D	More than 1000 image storage capacity in 1K x 1K format		More than 50,000 image storage capacity in 1K x 1K format
		14	**OTHER REQUIREMENTS**		
			The company should be ISO 9001:2000, ISO 13485: 2003.		The company should be ISO 9001:2000, ISO 13485: 2003/European Certified/ USFDA approved.
					Generator capacity : 5-6 KW; Certification : The company should be ISO 9001:2000, ISO 13485: 2003/European Certified/ USFDA approved. We do not require DSA facility. The other points are irrelevant and other firm have also not raised any objection to it.
					High Rep rate for More Precise, Faster and Efficient Cutting, Excellent Hemostasis, View even better than 100 W. High Rep rate reduces Procedure time

					The department is procuring the equipments for the state of art Super Speciality Block. The technology of the equipments which will be procured for SSB will last for at least 10 years, hence department will equip itself with the latest armamentarium & state of art technology equipments. We need 120W machine.
				1. X-ray Generator and X-ray	
					High end equipment of 5-6KW is required.
					c) Fluoroscopy Mode 40-110 KV or more
					f) Cassette exposures should also be possible.
					g) System should have provision for Automatic Dose Rate Control.
					h) Unit should have Iris collimator for concentric, radiation-free collimation.
					j) It should be possible to carry out continuous fluoroscopy for more than 45 minutes.
					k) There should be programs to reduce dose during fluoroscopy. Patient dose should be displayed on the monitor.
			1. C. arm		
					a) Orbital movement 125° (– 35° to + 90°)
					b) Angulation ± 180° or more
					c) Horizontal movement 20 cm or more
					d) C-arm depth 50 cm or more
					e) Swivel range ± 10°/12.5°.
					g) Tube to II distance 60 cm or more
					h)Immersion depth 60 cm or more
					i) Radiation indicators
			1. X-ray image intensifier		

					c) TV matrix 1K x 1K
					d) Continuous Digital image rotation should be possible
					f) Unit should be provided with Cassette holder.
					g) Unit should be DICOM compatible with DICOM viewer, DICOM Print, DICOM Worklist and facility to take data from HIS/RIS.
					h) It should be possible to storage 50,000 or more digital images in 1K x 1K matrix. It should be possible to save images on CD/Pen drive etc.
					a) Sterile cover
					b) Lead aprons 6 Nos
					c) Key board
					a) Company should have local service facility in the state
					b) Company should confirm the availability of spare parts for 10 years from the date of supply of the equipment.