

REQUEST FOR BUDGETARY ESTIMATE

Ref.: HSCC/PUR/AIIMS-Raibareli/Med. Eqpt./01 dated 14.11.2022

HSCC (India) Ltd. intends to invite On-line bids from eligible bidders, in single stage two bid system for supply, installation, testing, commissioning & handing-over of Medical Equipment for a Reputed Hospital in AIIMS, Raibareli for items Annexed at Annexure-I for Technical Specifications and Annexure-II is the format of Budgetary Quotation.

It is requested to submit the Budgetary Quotation of the Equipments in Company Letter Head, as per the single page format enclosed at Annexure-II, in both Hard & Soft Copy within 15 days of issue of this Notice at following address:

General Manager (Procurement)

**HSCC (India) Ltd.,
E-6(A), Sector-1,
NOIDA (U.P.) – 201 301.**

Soft copy may please be send on following e-mail ID: hsc.aimsrb@gmail.com

Specification of 4D Echo Color Doppler

Annexure-I

Qty-02Nos

Specification	Specification Name	Bid Requirement (Allowed value)
Standards	Confirmity to : Manufacturer's Certification	ISO 9001 AND ISO 13845 BOTH
Types of Probes & Feature	Cardiac and Vascular Probes Configuration	TIE AND TEE PROBE
	TTE Probe Type	Adult and Pediatric
	TEE Adult Probe biplane and Multiplane frequency in MHz	2-7.5MHZ((±2)
	TEE Pediatric Probe Supplied	No
	TEE Pediatric Probe frequency in MHz	Not Applicable
	Linear Probe for linearl vascular applications	Yes
	Adult/Pediatric Linear probe frequency in MHz	5-10 MHz (±1), Not Applicable
	No of Pediatric TTE Probes	1
	No of Adult TEE Probes supplied	1
	No of Adult/pediatric Linear Probes supplied	1
	Dedicated 30/40 volume imaging for radiology TTE ad TEE	No
	Live 3D imaging in Colour doppler System	No
	Colour Doppler system with all application packages Quad loop for serial studies with high frame rate revies, harmonic imaging capability in all modes and integrated stress echo package digital storage and retrieval	Yes
	Provision of Tissue Colorization (B-Colour) for improved contract resolution	Yes
	Application software	Adult,Pediatric,Vascular and Transesophageal applications
	Cine Loop Features	Yes
	Frame grabber facility for post analysis	Yes
	Facility of Various maps for pre and post processing	Yes
ECG trigger facility	Yes	
"Dedicated integrated dynamic stress echo package for flexible user defined protocols with stacked sub loops facility and contrast stress protocol usable for stress echocardiography"	Yes	
Number of transducer/probe ports	4	
Scan Modes and Performance Parameters	Cardiac 3-D freehand Option	No
	Cardiac 3D/4D automatic	No
	Contrast Harmonic/Agent Imaging with angio mode	Yes
	Provision of Harmonic imaging in TTE, TEE and Linear Probes	Yes
	Color Doppler 3-D/4-D option	No
	Power Dopple 3-D/4-D option	No
	Contrast-enhanced ultrasound (CEUS) option	Yes
	Tissue synchronization, tissue velocity	Yes
	Cardiac Shear wave elastography	No
	Cardiac compression elastography	No

	Provision for higher sensitivity for low frequency doppler in all probes	Yes
	Latest generation Electronic Phased/sector array Colour Doppler system	Yes
	Number of Channels in color Doppler System	50000 or more (If channels are being designated as digital channels)
	System should be capable of generating real time live 3-D images	No
Image display and processing	DICOM THREE POINT ZERO COMPLIANT	Yes
	Automated B-mode (2-D) image	Yes
	Automated CDI image optimization	Yes
	Automated PW Doppler image optimization	Yes
	TOUCH SCREEN	Yes
	Monitor display size, cm (in)	21 Inch(± 1)
	Split Screen	Twin View
	Single/dual monitors	Dual (image display and touch panel)
	Speckle-tracking strain and strain rate	Yes
	Tress echo	Yes
	Analysis and calculation packages	2-D wall motion tracking. 3-D wall motion tracking. cardiac. mitral valve analysis. user-programmable calculations
	DVD/CD Writer	Yes
	Type of printer provided with the echo cardio machine	THERMAL PRINTER
	Provision of PC with echo cardio gram machine	No
	Types of processors	1.7 or Latest
	RAM capacity of PC in GB (hint: In caase PC not provided put zero)	> = 4
	Processor speed in GHZ	> = 3
	Frame Grabber incorporated	Yes
	Conectivity between Echo cardiogram and PC	Through IMS/EQUIVALENT SOFTWARE
	PC with all software inclusive interfaced with echocardiograph machine	Yes
	laser Color printer provided with computer for rerporting	No
	Inkjet printer provided with computer for reporting	No
	CD/DVD Produced should be playable on any system	Yes
	Glossy Colour Print Paper supplied	Not provided
ECG Cable	2	
Echo cardiography sytem to Ready	Yes	
Dicom Interfacability to HIS	Yes	
Dicom Interfacability Dicom to PACS	Yes	
Iinterfacability Dicom to RIS	Yes	
Power	Resettable over current breaker shall be fitted for protection	Yes

Requirements	Power backup	UPS
	Back up time in minutes	30min
Miscellaneous Parameters	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3 years
	Number of installations of echo cardiogram machines in Central /State/PSU Govt Hospitals(Note: Seller should supply a performance certificate of the device to the buyer if demanded after placement of order)	More than 3
Comprehensive Maintenance	Warranty of required product	5 Years
	Comprehensive Maintenance Duration (Post Warranty)	5 Years
Additional Specification Parameters- Echo Cardiography Scanning Machine(2 Nos)		
	Specification Parameter Name	Bid Requirement (Allowed Values)
	Probes Required One each for each machine: 1. 1-5 MHz Purewave/Single Crystal Convex Transducer for Abdomen and OB/Gynae imaging- 01 No for each machine 2. 3-10 MHz Purewave/Singel Crystal Probe for TV/TR imaging -01 No. for each machine	Probes Required One each for each machine: 1. 1-5 MHz Purewave/Single Crystal Convex Transducer for Abdomen and OB/Gynae imaging- 01 No for each machine 2. 3-10 MHz Purewave/Singel Crystal Probe for TV/TR imaging -01 No. for each machine
	3. 3-12 MHz Linear Transducer for vascular imaging -01 No. for each machine. 4. 8-5 MHz micro convex probe for paediatric imaging and TCD-01 No. for each machine	3. 3-12 MHz Linear Transducer for vascular imaging -01 No. for each machine. 4. 8-5 MHz micro convex probe for paediatric imaging and TCD-01 No. for each machine
	Thermal Printer Not required One Online UPS for 30 Minutes back up to support all functions of the unit (One online for each machine)	Thermal Printer Not required One Online UPS for 30 Minutes back up to support all functions of the unit (One online for each machine)
	These specifications may be considered in lieu of the above mentioned spcification	These specifications may be considered in lieu of the above-mentioned specification

Annexure-II

BUGETARY QUOTATION

1)	Name of Item:	
2)	Model No.:	
3)	Name of manufacturer Address:	
4)	Contact Details of the Firm submitting	
5)	Budgetary Quotation:	
6)	Budgetary Cost of Equipment including 5 Years Warranty and All Taxes and Duties from Warehouse to consignee i.e. Delhi	
7)	5 Years Comprehensive Maintenance Cost After Expiry of 5 Years Warranty	
	1 Year	
	2 Year	
	3 Year	
	4 Year	
	5 Year	
	The Budgetary Cost of Equipment includes the following:	
i	All Taxes & Duties on FOR basis.	
ii	Insurance till installation.	
iii	Inclusive of 5 years Warranty .	
iv	Delivery - within 60 days from the date of issue of Purchase Order, at AIIMS,Raibareli	
v	Installation within 30 days from the date of Delivery	
vi	Cost inclusive of 3rd Party Inspection by reputed Agencies i.e. SGS / Llyod / TUV / Bureau Veritas	

NOTE:

- 1 Please enclose a copy of Last Purchase Order for the same Model (preferably from a Govt. Institute).
- 2 Copy of Catalogue / Brochure / Product Data Sheet etc to be submitted.

(Sign & Stamp of Firm)