

Bid Document

Bid Details	
Bid End Date/Time	10-12-2020 21:00:00
Bid Opening Date/Time	10-12-2020 21:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	Jawaharlal Institute Of Postgraduate Medical Education And Research (jipmer)
Office Name	Jawaharlal Institute Of Postgraduate Medical Education And Research
Total Quantity	1
Item Category	Echo Cardiography Scanning Machine
Bidder Turnover (Last 3 Years)	75 Lakh (s)
OEM Average Turnover (Last 3 Years)	500 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	50 %
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	16000000

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	320000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00

Duration of ePBG required (Months).

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(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Director, JIPMER

Jawaharlal Institute of Postgraduate Medical Education and Research, Department of Health and Family Welfare, Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Ministry of Health and Family Welfare (Director, Jipmer)

Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Echo Cardiography Scanning Machine (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Standards	Product certification	-	*
	Certification number and date	-	*
	Confirmity to Manufacturer's Certification	ISO 9001 AND ISO 13845 BOTH	ISO 9001 AND ISO 13845 BOTH
	Confirmity to Performance and safety standards specific to the device	IEC 60601-2-27 or equivalent BIS	*
Performance Parameters	Product Description	Cardiac ultrasonic scanning systems	*

	Scope of supply	Cardiac ultrasonic scanning systems are designed for real-time, noninvasive assessment of heart structures and function. They are used to evaluate cardiac wall motion and valve function to detect such conditions as mitral valve prolapse and aortic valve stenosis, to determine the extent of damage from suspected myocardial infarction, and to diagnose congenital cardiac defects	*
	UMDNS Code and names(Hint: This is for indicating the relevant universal medical devices nomenclature for the category of prout)	Scanning Systems, Ultrasonic, Cardiac [17-422] Scanning Systems, Ultrasonic, Intravascular [17-746]V	*
Types of Probes & Features	Echocardiography Scanning System shouls have an option of Cardiac (adult, pediatric), intraoperative, small organs, TEE, vascular	YES	*
	Cardiac and Vascular Probes Configuration	ALL	ALL
	TTE Probe Type	Adult and Pediatric	Adult and Pediatric
	Adult TTE probe Frequency in MHz	3-5 MHz (± 2)	*
	Pediatric TTE probe Frequency in MHz	5-7.5 MHz (± 2)	*
	TEE Adult Probe biplane and Multiplane frequency, in MHz	2 - 7.5 MHz (± 2)	2 - 7.5 MHz (± 2)
	TEE Pediatric Probe Supplied	Yes	Yes
	TEE Pediatric Probe frequency, in MHz	3 - 8 MHz (± 2)	3 - 8 MHz (± 2)
	Linear Probe for linear/ vascular applications	Yes	Yes
	Adult/Pediatric Linear probe frequency in MHz	5-10MHz (± 1)	5 - 14 MHz (± 2), 5-10MHz (± 1), Not Applicable
	No of Adult TTE Probes supplied	1	*
	No of Pediatric TTE Probes supplied	1	1
	No of Adult TEE Probes supplied	1	1
No of Pediatric TEE Probes supplied	1	*	

No of Adult/pediatric Linear Probes supplied	1	1
Dedicated 3D/4D volume imaging for radiology TTE and TEE	No	Yes, No
Live 3 D imaging in color doppler system	Yes	Yes
Colour Doppler system with all application packages ,Quad loop for serial studies with high frame rate reviews, harmonic imaging capability in all modes and integrated stress echo package digital storage and retrieval	Yes	Yes
Number of grey shades for sharp contrast resolutions in db	256 Or more	*
High-definition acoustic zoom provision for enlarging sections of 2D and Colour flow images with more acoustic information for greater clarity and detail while maintaining an optimal frame rate	YES	*
Colour Flow Imaging Optin	YES	*
Provision of Tissue Colorization (B-Colour) for improved contrast resolution	Yes	Yes
Application software	Adult,Pediatric, Vascular and Transesophageal applications	Adult,Pediatric, Vascular and Transesophageal applications
All application packages should be inbuilt into the system	YES	*
Cine Loop Features	Yes	Yes
Cine Loop Memory in Frames	2200	*
Frame grabber facility for post analysis	Yes	Yes
Facility of Various maps for pre and post processing	Yes	Yes
ECG trigger facility	Yes	Yes
User defined system and application presets for multi-user department	YES	*
"Dedicated integrated	Yes	Yes

	dynamic stress echo package for flexible user defined protocols with stacked sub loops facility and contrast stress protocol usable for stress echocardiography"		
	Provision of Tissue movement colorization with quantification possibility for IHD/CAD/Heart Failure patients	YES	*
	Number of transducer/probe ports	4	4
Scan Modes and Performance Parameters	Cardiac 3-D freehand Option	Yes	Yes, No
	Cardiac 3D/4D automatic Option	Yes	Yes
	B-mode	YES	*
	M MODE	YES	*
	Contrast Harmonic/Agent Imaging with angio mode	Yes	Yes
	Tissue harmonic imaging mode	YES	*
	Provision of Harmonic imaging in TTE, TEE and Linear Probes	Yes	Yes
	Color Doppler imaging (CDI)	YES	*
	Color Doppler 3-D/4-D option	No	Yes, No
	Power Doppler imaging (PDI)	YES	*
	Power Dopple 3-D/4-D option	Yes	Yes
	Continuous wave	YES	*
	Pulsed wave	YES	*
	Duplex mode	YES	*
	Triplex mode	YES	*
	Tissue Doppler imaging	YES	*
	Contrast-enhanced ultrasound (CEUS) option	Yes	Yes
	Tissue synchronization, tissue velocity	Yes	Yes
	Cardiac Shear wave elastography	No	Yes, No
	Cardiac compression	No	Yes, No

	elastography		
	Gain control in two dimensions for additional level of flexibility for image quality control	YES	*
	"Provision for higher resolution "	Real time high frequency 2D	*
	Probes supplied shall be in latest generation bandwidth	YES	*
	Provision for higher sensitivity for low frequency doppler in all probes	Yes	Yes
	Latest generation Electronic Phased/sector array Colour Doppler system	Yes	Yes
	Number of Channels in color doppler system	50000 or more (If channels are being designated as digital channels)	50000 or more (If channels are being designated as digital channels)
	System should be capable of generating real time live 3- D images	YES	YES, Yes with MV No Analysis
	Provision of Echocardiographic strain and strain-rate imaging with 2 D imaging	Yes	*
	Provision of Echocardiographic strain and strain-rate imaging with 3 D imaging	No	*
Image display and processing	DICOM THREE POINT ZERO COMPLIANT	Yes	Yes
	Adjustable transmit focus	YES	*
	Automated B-mode (2-D) image	Yes	Yes
	Automated CDI image optimization	Yes	Yes, No
	Automated PW Doppler image optimization	Yes	Yes
	Dynamic receive focus	YES	*
	Grayscale levels	256	*
	Image magnification (zoom)	YES	*
	Real-time image	YES	*
	Frozen image	YES	*
	TOUCH SCREEN	YES	YES
	HIGH RESOLUTION MONITOR	YES	*

"Provision of Tilt and Swivel monitor should be able to view in all angles and all light conditions"	YES	*
Monitor display size, cm (in)	21 Inch(±1)	21 Inch(±1)
Split screen	TWIN VIEW	TWIN VIEW, Twin View and Live Quad Screen
Single/dual monitors	Dual (image display and touch panel)	Dual (image display and touch panel)
Depth, cm	≥30 (11.8)	*
PREPROCESSING	YES	*
POST PROCESSING	YES	*
SELECTABLE DYNAMIC RANGE	YES	*
SPECTRUM ANALYZER	YES	*
DIGITAL IMAGE STORAGE	YES	*
CINE LOOP PLAYBACK	YES	*
Max number frames	1900	*
HARD DRIVE STORAGE CAPACITY , GB	>=500 GB	*
Speckle-tracking strain and strain rate	Yes	Yes
Stress echo	Yes	Yes
EXAM PROTOCOL	YES	*
Analysis and calculation packages	2-D wall motion tracking, 3-D wall motion tracking, cardiac, mitral valve analysis, user-programmable calculations	2-D wall motion tracking, 3-D wall motion tracking, cardiac, mitral valve analysis, user-programmable calculations
Automated	YES	*
Digital calipers	YES	*
EXAM PRESETS	YES	*
Customizable presets	YES	*
On-screen annotation	YES	*
DVD/CD Writer	Yes	Yes, No
Flash Memory	YES	*
USB connector	YES	*
Type of printer provided with the echo cardio machine	THERMAL PRINTER	THERMAL PRINTER, LASER PRINTER
"Facility for high definition digital acquisition, review and editing of complete patient studies"	YES	*
Connectivity to PC and Echo cardiography machine	THROUGH IMS SOFTWARE	*

Provision of PC with echo cardio gram machine	Yes	Yes	
Type of processor	1.7 OR LATEST	1.7 OR LATEST, NA	
RAM capacity of PC in GB (hint: In caase PC not provided put zero)	>=4	>=4	
Processor speed in GHZ	>=3	>=3	
Frame Grabber incorporated	Yes	Yes	
Conectivity between Echo cardiogram and PC	Through IMS/EQUIVALENT SOFTWARE	Through IMS/EQUIVALENT SOFTWARE	
PC with all software inclusive interfaced with echocardiograph machine	YES	YES, NA	
laser Color printer provided with computer for rerporting	Yes	Yes	
Inkjet printer provided with computer for reporting	Yes	Yes, No	
CD/DVD Produced should be playable on any system	YES	YES, No cd/dvd Writer provided	
Glossy Colour Print Paper supplied	Not provided	500 sheets, 1000 sheets, Not provided	
ECG Cable	2	2	
Echo cardiography sytem to be DICOM Ready	Yes	Yes	
Dicom Interfacability to HIS	Yes	Yes	
Dicom Interfacability Dicom to PACS	Yes	Yes	
Interfacability Dicom to RIS	Yes	Yes	
Echo Cardiography sytem supplied should be upgradable to next generation system on site	YES	*	
Power Requirments	Power input, VAC	220-240VAC, 50Hz fitted with Indian plug	*
	Resettable over current breaker shall be fitted for protection	Yes	Yes
	Power bakup	UPS	UPS
	Back up time in minutes	30	30

	Suitable Servo Controlled Stabilizer / CVT should be provided	YES	*
Miscellaneous Parameters	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3	3, 5
	Number of installations of the 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	MORE THAN 3
	User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	YES	*
	Demonstration of equipment and training to be provided after completing supplies & Installation before acceptance	YES	*
	The Principal Manufacturer must have direct Presence/approved service center In India	YES	*
	Copies of reports and certifications to be furnished to buyer on demand at time of supplies	YES	*
	Attach certificate from the principal that spare parts will be available for next 10 years	YES	*
	QA, QC Or other Calibration tests(6 months/ 1 year as per NABH/JCI)	YES	*

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days

1	Lenin Babu	605006, Jawaharlal Institute of Postgraduate Medical Education and Research, Dhanvantari Nagar, Puducherry	1	45
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Special terms and conditions for category Echo Cardiography Scanning Machine

1.1. Comprehensive warranty:

Comprehensive warranty shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares,. During the warranty period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months. warranty shall not be including the consumables .Further there will be 98% uptime warranty during warranty period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend warranty period by double the downtime period.

2. Service centres:

Details of Service outlets in India to render services for equipment to be furnished to buyer/consignees with complete address ,telephone numbers, e mails etc at time of making the supplies .It shall be the responsibility of seller to ensure that authorized service centres are available to cater to the areas where supplies are made within reasonable distance from where the service calls can be handled .Details of toll free numbers for service call and online registration of service requests also to be provided buyer/consignee at the time of supplies.

3. Source of supply:

It shall be responsibility of seller to provide Documents regarding source of equipments such as copy of Performa invoice or any other documents to establish that the products supplied are manufactured by OEM indicated and sourced from them .

4. Packing and Marking: Medical equipments being very delicate and sensitive packing for the goods should be strong and durable enough to withstand transit including transshipment (if any), rough handling, open storage etc. without any damage, deterioration etc. .The size, weights and volumes of the packing cases, remoteness of the final destination of the goods, availability or otherwise of transport and handling facilities at all points during transit up to final destination,. Quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall take in to consideration the type of medical equipments being supplied. The accessories shall be suitably labelled and packed .Each of the package shall be marked on three sides with indelible paint of proper quality: indicating contract number and date , brief description of goods including quantity ,, Packing list reference number , country of origin of goods and any other relevant details.

5. Spare Parts:

Seller shall provide materials, information etc. pertaining to spare parts manufactured and supplied by the OEM . It shall be ensured that the required spares are available for purchase at least for 10 years from date of supplies .In case due to any reasons the production of the spare parts is discontinued sufficient advance notice should be given to the buyer/consignee before such discontinuation to provide adequate time to purchase the required spare parts etc. Further, OEM and their service centres/dealers shall carry sufficient inventories to assure ex-stock supply of consumables and spares for the equipments so that the same are available.

OEM or reseller shall always accord most favoured client status to the buyer/consignee and shall give the most competitive price for spares and consumables of its machines/equipments supplied

6. Installation, Training, Manuals:

Seller shall be responsible to carry out Installation & commissioning, Supervision and Demonstration of the goods. They shall provide required jigs and tools for assembly, minor civil works for the completion of the installation and Training of Consignee's representatives for operating and maintaining the equipment and Supplying required number of operation & maintenance manual for the goods. In case the category parameters are specifying any requirements regarding the installations , training and manuals the same shall also be applicable.

7. Electrical safety checking:

Sellers are required to make sure that they furnish the list of equipments for carrying out routine and preventive maintenance to buyer/consignee. They should make sure to periodically check the electrical safety aspects as per BIS Safety Standards or equivalent. In case they do not have required equipment for such testing should ensure that the equipments checked for electrical safety compliance through labs with facilities for such checking during every preventive maintenance call.

8. Software:

All software updates should be provided free of cost during warranty period.

Bid Specific Additional Terms and Conditions

1. Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
2. If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
3. Make in India specific authorisation certificate needs to be enclosed.
4. To be eligible for award of contract, Bidder / OEM must possess following Certificates / Test Reports on the date of bid opening (to be uploaded with bid): Certificate of registration from competent authority, if the bidder (or OEM) comes under the restrictions of GFR 144xi..
5. Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
6. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
7. The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price: matrix array transducer in adult TEE and TTE probes.
8. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope echo machine, software, display and accessories including all probes (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
9. Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide Comprehensive Maintenance Service for next 5 years for the offered products at the rate not more than 8 % of contract price per annum. Buyer reserves the right to enter into a CMC agreement with the Successful Bidder / OEM after expiry of the Warranty period at above mentioned rate and the payment for the CMC charges would be made Annually after rendering of the CMC Services of the relevant CMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the CMC contract when called upon by the buyer. CMC would include cost of repairing/replacing echo machine, software, display and accessories including all probes, minimum 2 annual preventive maintenance (PM) visits with no limit for breakdown calls visits. (Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total CMC value valid up to CMC period plus 2 months (if there is no other claim).
10. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
11. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---