

Bid Document

Bid Details	
Bid End Date/Time	21-07-2020 14:00:00
Bid Opening Date/Time	2020-07-21 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health And Family Welfare
Organisation Name	North Eastern Indira Gandhi Regional Institute Of Health And Medical Sciences (neigrihms)
Office Name	Neigrihms, Shillong
Total Quantity	1
Item Category	Echo Cardiography Scanning Machine
Bidder Turnover (Last 3 Years)	8 Lakh (s)
OEM Average Turnover (Last 3 Years)	8 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for 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	30 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	Bank Of Baroda
EMD Percentage(%)	1.00
EMD Amount	22000

ePBG Detail

Advisory Bank	Bank Of Baroda
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	38

(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:

NEIGRIHMS, Shillong

Neigrihms, Shillong, Department of Health and Family Welfare, North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences (NEIGRIHMS), Ministry of Health and Family Welfare (Deputy Director Admin)

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 years as indicated 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 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 30% of bid quantity, in at least one of the last three 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 year) to be submitted along with bid in support of quantity supplied in the relevant 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	ISO13845	ISO13845
	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 prouct)	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	YES	*

organs, TEE, vascular		
Cardiac and Vascular Probes Configuration	Phased sector array or TTE probe	Phased sector array or TTE probe, TTE AND TEE PROBE, TTE AND LINEAR
TTE Probe Type	Adult	Adult
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	Not Applicable	2 - 7.5 MHz (± 2), Not Applicable
TEE Pediatric Probe Supplied	No	Yes, No
TEE Pediatric Probe frequency, in MHz	Not Applicable	3 - 8 MHz (± 2), Not Applicable
Linear Probe for linear/ vascular applications	No	Yes, No
Adult/Pediatric Linear probe frequency in MHz	Not Applicable	5 - 14 MHz (± 2), 5-10MHz (± 1), Not Applicable
No of Adult TTE Probes supplied	NA	*
No of Pediatric TTE Probes supplied	NA	1, NA
No of Adult TEE Probes supplied	NA	1, NA
No of Pediatric TEE Probes supplied	NA	*
No of Adult/pediatric Linear Probes supplied	1	1
Dedicated 3D/4D volume imaging for radiology TTE ad TEE	No	Yes, No
Live 3 D imaging in color doppler system	No	Yes, No
Colour Doppler system with all application packages ,Quad loop for serial studies with high frame rate revies, harmonic imaging capability in all	Yes	Yes

modes and integrated stress echo package digital storage and retrieval		
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,Pediatic & Vascular applications	Adult,Pediatic & Vascular applications
All application packages should be inbuilt into the system	YES	*
Cine Loop Features	Yes	Yes
Cine Loop Memory in Frames	1001	*
Frame grabber facility for post analysis	No	Yes, No
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 dynamic stress echo package for flexible user defined protocols with stacked sub loops facility and contrast stress	Yes	Yes

	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	1	1
Scan Modes and Performance Parameters	Cardiac 3-D freehand Option	No	Yes, No
	Cardiac 3D/4D automatic Option	No	Yes, No
	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	No	Yes, No
	Continuous wave	YES	*
	Pulsed wave	YES	*
	Duplex mode	YES	*
	Triplex mode	YES	*
	Tissue Doppler imaging	YES	*
	Contrast-enhanced ultrasound (CEUS) option	No	Yes, No
Tissue synchronization, tissue velocity	Yes	Yes	

	Cardiac Shear wave elastography	No	Yes, No
	Cardiac compression elastography	No	Yes, No
	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	NO	YES, NO, 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

Automated PW Doppler image optimization	No	Yes, No
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)	15 Inch(±1)	15 Inch(±1)
Split screen	TWIN VIEW	TWIN VIEW
Single/dual monitors	SINGLE	SINGLE
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	1001	*
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	NO	2-D wall motion tracking, 3-D wall motion tracking, cardiac, mitral valve analysis, user-programmable

		calculations, NO
Automated	YES	*
Digital calipers	YES	*
EXAM PRESETS	YES	*
Customizable presets	YES	*
On-screen annotation	YES	*
DVD/CD Writer	Yes	Yes
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	No	Yes, No
Type of processor	NA	1.7 OR LATEST, NA
RAM capacity of PC in GB (hint: In caase PC not provided put zero)	NA	>=4, NA
Processor speed in GHZ	NA	>=3, NA
Frame Grabber incorporated	No	Yes, No
Conectivity between Echo cardiogram and PC	NA	Through IMS/EQUIVALENT SOFTWARE, NA
PC with all software inclusive interfaced with echocardiograph machine	NA	YES, NA
laser Color printer provided with computer for rerporting	No	Yes, No
Inkjet printer provided with computer for	No	Yes, No

	reporting		
	CD/DVD Produced should be playable on any system	YES	YES
	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	No	Yes, No
	Echo Cardiography sytem supplied should be upgradable to next generation system on site	YES	*
Power Requiriments	Power input, VAC	220-240VAC, 50Hz fitted with Indian plug	*
	Resettable over current breaker shall be fitted for protection	No	Yes, No
	Power bakup	INBUILT BATTERY	INBUILT BATTERY
	Back up time in minutes	60	60
	Suitable Servo Controlled Stabilizer / CVT should be provided	YES	*
Miscellaneous Parameters	Warranty in years	3	3
	Number of installations of the echo cardiogram machines in Central /State/PSU Govt Hospitals(Note: Seller should supply a performace certificate of the device to the buyer if demanded after placement of order)	MORE THAN 3	MORE THAN 3
	User/Technical/Mainten ance manuals to be supplied in English in	YES	*

hard and soft copy		
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.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Khrawkumar Jithod Katrai	793018,P.O. NEIGRIHMS, Mawdiangdiang, Shillong	1	30

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. Make in india specific authorisation certificate needs to be enclosed.
3. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
4. 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)

5. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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.
6. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
7. Preference to Make In India products (For bids less than 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document 50%. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
8. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
9. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
10. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
11. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.
12. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:
 - (i) Single order of at least 35% of estimated bid value; or
 - (ii) Two orders of at least 20% each of estimated bid value; or
 - (iii) Three orders of at least 15% each of estimated bid value.Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary

- product having highest bid value should meet this criterion
13. Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name NEIGRIHMS EMD SECURITY DEPOSITS Account No. 30270200000027 IFSC Code BARB0MAWDIA Bank Name BANK OF BARODA Branch address MAWDIANGDIANG, SHILLONG-793018, MEGHALAYA. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.
 14. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of NEIGRIHMS EMD SECURITY DEPOSITS A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.
 15. Bidders can also submit the EMD with Account Payee Demand Draft in favour of NEIGRIHMS EMD SECURITY DEPOSITS payable at SHILLONG, MEGHALAYA.
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
 16. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of NEIGRIHMS EMD SECURITY DEPOSITS A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter.
Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
 17. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name NEIGRIHMS EMD SECURITY DEPOSITS Account No. 30270200000027 IFSC Code BARB0MAWDIA Bank Name BANK OF BARODA Branch address MAWDIANGDIANG, SHILLONG-793018, MEGHALAYA.
Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

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

---Thank You---