

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 15:00:00
Bid Opening Date/Time	23-07-2020 15:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	N/a
Office Name	North Western Railway
Total Quantity	1
Item Category	Ultrasound Scanning Machine
Bidder Turnover (Last 3 Years)	18 Lakh (s)
OEM Average Turnover (Last 3 Years)	144 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,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	80 %
Bid to RA enabled	Yes
Inspection Required	Yes
Inspection to be carried out by Buyers own empanelled agency	Yes
Type Of Inspection	Pre Dispatch
Name of the Empanelled Inspection Agency/ Authority	RITES
Quality Assurance Plan document	1594191684.pdf

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	5.00
EMD Amount	180000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	36

(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:

Sr DFM/Bikaner

North Western Railway, DRM Office, Bikaner Division, Pin Code-334001

(Vinay Bansal)

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 80% 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.

Ultrasound 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 & ISO 13485	*
	Confirmity to Performance and safety standards specific to the device	IEC 60601-2-37 or equivalent BIS	*
Performance Parameters	Scope of supply	General-purpose ultrasonic scanning systems provide two-dimensional (2-D) B-mode images of soft tissues without subjecting patients to ionizing radiation. It intends to primarily for abdominal, obstetric/gynecologic (OB/GYN), small-parts, and vascular imaging	*
	UMDNS Code and names(Hint: This is for indicating the relevant universal medical devices nomenclature for the category of product)	"Scanning Systems, Ultrasonic, Abdominal [16-241] Scanning Systems, Ultrasonic, General-Purpose [15-976] Scanning Systems, Ultrasonic, Obstetric/Gynecologic [15-657] Scanning Systems, Ultrasonic, Small-Parts [18-052] Scanning Systems, Ultrasonic, Vascular [15-957]"	*
Types of Probes & Features	Applications- Abdomen, abdominal vascular, urology, OB/GYN,	Yes	*

	neonatal brain, small parts (breast, thyroid, scrotal, prostate, MSK)		
	Flat linear array	5-10 MHz (± 2)	*
	Convex array	2.5-5 MHz (± 2)	*
	Microconvex array	Yes	Yes Or higher
	Volume Convex Probe	Yes	Yes Or higher
	Volume Linear Probe	No	Yes, No Or higher
	Volume TV Probe	Yes	Yes Or higher
	E- Breast Elastography	Yes	Yes Or higher
	E- Thyroid Elastography	Yes	Yes Or higher
	Liver Elastography	No	Yes, No Or higher
	Intraoperative Probe	No	Yes, No Or higher
	Gel Warmer	Yes	Yes Or higher
	Dedicated 3-D/4-D	Yes	Yes Or higher
Scan Modes	B-mode	Yes	*
	M-mode	Yes	*
	Contrast harmonic imaging with angio mode	Yes	Yes Or higher
	Tissue harmonic imaging mode	Yes	*
	Provision of Harmonic imaging in Linear Probes	Yes	*
	Color Doppler imaging (CDI)	Yes	*
	Color Doppler 3-D/4-D option	Yes	*
	Power Doppler imaging (PDI)	Yes	*
	Power Doppler 3-D/4-D option	Yes	*
	Continuous wave	Yes	*
	Pulsed wave	Yes	*
	Duplex mode	Yes	*
	Triplex mode	Yes	*
	Tissue Doppler imaging	Yes	*
	Contrast-enhanced ultrasound (CEUS)	Yes	Yes Or higher

option		
Tissue synchronization, tissue velocity	Yes	Yes Or higher
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 Or higher
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)
Live 3 D imaging in color doppler system	Yes	Yes Or higher
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	Yes Or higher
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 Or higher
	All application packages should be inbuilt into the system	Yes	*
	Cine Loop Features	Yes	Yes Or higher
	Cine Loop Memory in MB	100	*
	Frame grabber facility for post analysis	Yes	Yes Or higher
	Facility of Various maps for pre and post processing	Yes	*
	User defined system and application presets for multi-user department	Yes	*
	Number of transducer/probe ports	4	4
	System should be capable of generating real time live 3- D images	Yes	Yes
	Contrast agent imaging	Yes	Yes Or higher
	Color Doppler system with all applications package, quad loop for serial studies with high frame rate, harmonic imaging capability in all modes and digital storage and retrieval	Yes	*
IMAGE DISPLAY AND PROCESSING	DICOM 3 COMPLIANT	Yes	Yes Or higher
	Adjustable transmit focus	Yes	*
	Automated B-mode (2-D) image	Yes	Yes Or higher
	Automated CDI image optimization	Yes	Yes Or higher
	Automated PW Doppler image optimization	Yes	Yes Or higher
	Dynamic receive focus	Yes	*

Grayscale levels	256	*
Image magnification (zoom)	Yes	*
Real-time image	Yes	*
Frozen image	Yes	*
Touch Screen	Yes	Yes Or higher
Monitor shall have high-resolution	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)	54.6 (21.5) LCD with handle	54.6 (21.5) LCD with handle
Split screen	Twin View and Live Quad Screen	Twin View and Live Quad Screen
Single/dual monitors	Single	Single
Depth, cm	≥30 (11.8)	*
Pre processing	Yes	*
Post processing	Yes	*
Selectable dynamic range	Yes	*
Spectrum analyzer	Yes	*
DIGITAL IMAGE STORAGE	Yes	*
Cine loop playback	Yes	*
Max number frames	28800	*
Digital storage hard drive, GB	500	*
Speckle-tracking strain and strain rate	Yes	*
Exam protocols	Yes	*
Automated	Yes	*
Digital calipers	Yes	*
Exam presets	Yes	*
Customizable presets	Yes	*
On-screen annotation	Yes	*
DVD/CD Writer	Yes	Yes Or higher
Flash Memory	Yes	*
USB connector	Yes	*

	"Facility for high definition digital acquisition, review and editing of complete patient studies"	Yes	*
	Type of processor	i7 or latest	i7 or latest
	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 Or higher
	Connectivity between USG and PC	Yes	Yes Or higher
	PC with all software inclusive interfaced with USG machine	No	Yes, No Or higher
	laser Color printer provided with computer for reporting	No	Yes, No Or higher
	Inkjet printer provided with computer for reporting	Yes	Yes Or higher
	CD/DVD Produced should be playable on any system	Yes	Yes Or higher
	Glossy Colour Print Paper supplied	NA	NA
	Dicom Interfacability Dicom to PACS	Yes	Yes Or higher
	Interfacability Dicom to RIS	Yes	Yes Or higher
	USG sytem supplied should be upgradable to next generation system on site	Yes	*
Power Requirements	Power input, VAC	220-240VAC, 50Hz fitted with Indian plug	*
	Resettable over current breaker shall be fitted for protection	Yes	Yes Or higher
	Power backup	UPS	UPS
	Back up time in	30	30

	minutes		
	Suitable Servo Controlled Stabilizer / CVT should be provided	No	Yes, No Or higher
Miscellaneous Parameters	Warranty in years	3	3
	Number of installations of the USG 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	*
	Certificate from the principal that spare parts will be available for next 10 years shall be provided at the time of supplies	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	Dr. Ramesh Manjhi	334001, DRM OFFICE, BIKANER	1	120

Bid Specific Additional Terms and Conditions

- Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
 - Upload Manufacturer authorization:** Wherever Authorised Distributors are submitting the bid, Manufacturers Authorisation Form (MAF)/Certificate with OEM details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid.
 - Non return of Hard Disk:** As per Buyer organization's Security Policy, Faulty Hard Disk of Servers/Desktop Computers/ Laptops etc. will not be returned back to the OEM/supplier against warranty replacement.
 - Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 7 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.
 - 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.
 - 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 3 years 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 primary product having highest value should meet this criterion.
7. Malicious Code Certificate:
- The seller should upload following certificate in the bid:-
- (a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-
- Inhibit the desires and designed function of the equipment.
 - Cause physical damage to the user or equipment during the exploitation.
 - Tap information resident or transient in the equipment/network.
- (b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.
- Registration / Empanelment Requirement:** Contract shall be awarded to only such sellers , who are registered / empanelled / approved / enlisted with Rajasthan State appropriate PCPNDT authority , in addition to the required registration by GeM for the required goods / service category on the date of bid opening. Prospective bidders (if not already registered), are advised to get themselves registered with the said registration authority before bid opening date. (It is certified that the registration is granted by the registering agency as per Rule 150 of GFR following a fair, transparent and reasonable procedure.)
 - 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: Machine with all accessories (as per specification), GPS device and

- other statutory requirement..
- 10.1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
 2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
 3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.
 11. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
 - i) The Seller fails to comply with any material term of the Contract.
 - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
 - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
 - iv) The Seller becomes bankrupt or goes into liquidation.
 - v) The Seller makes a general assignment for the benefit of creditors.
 - vi) A receiver is appointed for any substantial property owned by the Seller.
 - vii) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
 12. **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.
 13. **Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:

Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC): RITES

Post Receipt Inspection at consignee site before acceptance of stores: CONSIGNEE OR HIS AUTHORIZE REPRESENTATIVE
 14. Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.
 15. Bidders can also submit the EMD with Account Payee Demand Draft in favour of Sr.DFM/Bikaner payable at Bikaner.
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. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of Sr.DFM/Bikaner payable at Bikaner. After award of contract, Successful Bidder can

- upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.
17. 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)
 18. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
 19. 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.
 20. 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): Certification (US-FDA & EU-CE), warranty, technical data sheet, OEM authorization, PCPNDT related document and all other relevant technical and statutory documents .
 21. 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.
 22. 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
 23. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
 24. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
 25. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
 26. 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 labour, material and services (including 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)
 27. 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 7 % 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 As per agreement with the dealer/OEM (Upload the undertaking). The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 10% of total CMC value valid up

- to CMC period plus 2 months (if there is no other claim).
28. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
29. 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.
30. Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
31. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
- a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
32. 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

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

---Thank You---