

Bid Document

Bid Details	
Bid End Date/Time	31-10-2022 17:00:00
Bid Opening Date/Time	31-10-2022 17:30:00
Bid Offer Validity (From End Date)	65 (Days)
Ministry/State Name	Uttar Pradesh
Department Name	Medical Health And Family Welfare Department Uttar Pradesh
Organisation Name	N/a
Office Name	Lucknow Hq
Total Quantity	28
Item Category	CT Scanners 128 Slice (Q2)
Minimum Average Annual Turnover of the bidder (For 3 Years)	8779 Lakh (s)
Years of Past Experience Required for same/similar service	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,Certificate (Requested in ATC),OEM Authorization Certificate,Compliance of BoQ specification and supporting document *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	10 %
Bid to RA enabled	No
Comprehensive Maintenance Charges Required	Yes
Time allowed for Technical Clarifications during technical evaluation	2 Days
Estimated Bid Value	2926371113
Evaluation Method	Total value wise evaluation

EMD Detail

Advisory Bank	State Bank of India
---------------	---------------------

EMD Percentage(%)	2.00
EMD Amount	58527422

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	5.00
Duration of ePBG required (Months).	62

(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:

Managing Director
Lucknow HQ
(Dr.muthukumarsamy B)

Splitting

Splitting Applied	Yes
Maximum No. Of Bidders Amongst Which Order May Be Split	2

MSE Purchase Preference

MSE Purchase Preference	No
-------------------------	----

MII Purchase Preference

MII Purchase Preference	No
-------------------------	----

1. 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 above 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.

2. 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.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of

quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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.

Pre Bid Detail(s)

Pre-Bid Date and Time	Pre-Bid Venue
11-10-2022 13:00:00	UPMSCL OFFICE

CT Scanners 128 Slice (28 pieces)

Brand Type	Registered Brand
------------	------------------

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
TYPE	Number of acquisition channels	64, 128 Or higher
DETECTOR ASSEMBLY	Extended Field of View (cm)	50, 70
	Total detector width, z-axis	38.4, 40.0
DETECTOR PERFORMANCE	High-contrast spatial resolution at 0% MTF with full FOV	>=15 lp/cm
	Image Noise	0.3% at 25 mGy (2.5 rads) or Better, Not Applicable
ADVANCED IMAGE ACQUISITION	Extended coverage for 4-D imaging	Yes
	Contrast enhanced Dual-energy acquisition	Yes, No
X-RAY GENERATOR	Minimum kW output	75, 80, 100, 120, 72 Or higher
X-RAY TUBE	Tube cooling	Oil, Air
PATIENT TABLE	Table Type	Moveable
	Range of movement - Vertical (cm)	48- 86 cm or better, 58-88 cm or better
RADIATION DOSE	Pediatric-specific dose control	Yes
	Prospective ECG gating	Yes
	Retrospective ECG editing	Yes
	Iterative image reconstruction for dose reduction	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Overbeaming reduction sliding collimation	Yes, No
	Low dose Cardiac axial acquisition	Yes
CLINICAL APPLICATIONS AND FUNCTIONALITY	Auto vessel mapping	Yes
	Quantification	Yes, No
	Ventricular output	Yes
	Myocardial evaluation	Yes
	Lung nodule assisted reading	Yes
	Lung nodule CAD	Yes
	Lung function analysis	Yes
	Respiratory gating	Yes
	Coronary artery calcification scoring	Yes
	Virtual colonoscopy CAD	Yes, No
	Vessel analysis (non cardiac)	Yes
	Brain perfusion	Yes
	Z-axis coverage for brain perfusion	Yes
	Auto bone removal	Yes
	Body perfusion	Yes
	Should have Highest achievable temporal resolution	Yes
	Dental CT	Yes, No
	CT Fluoro / interventions with hardware and software	Yes
	Neuro DSA	Yes
	Metal artifacts reduction	Yes, No
IMAGE RECONSTRUCTION	Reconstruction matrices	512 x 512, 1024 x 1024
SYSTEM INTEGRATION	DICOM Worklist License	Yes
IMAGE PROCESSING	OEM post processing workstation with dual medical grade Monitor	Server
	If it is server workstation, number of nodes to be provided	1, 2, 3, 4, Not Applicable in case of standalone workstation

Specification	Specification Name	Bid Requirement (Allowed Values)
	Number of concurrent licenses to be provided	1, 2, 3, Not Applicable in case of standalone workstation
	Minimum Rendering Capacity of Server	20,000 Concurrent Slices
SERVER HARDWARE	Minimum Image storage capacity of Server	2, 4 Or higher
	Minimum Ram Size of server	64 Or higher
	Monitor Size of Server	19 inch or more
	Monitor Type of Server	LCD/LED/TFT
WORKSTATION HARDWARE	Minimum Ram Size of Workstation	16 Or higher
	Minimum Storage capacity of Workstaion	1000 Or higher
WORKSTATION APPLICATIONS	Neuro DSA application in workstation	Yes
	Cardiac Angio	Yes
	Cardiac calcium scoring	Yes
	CT angio	Yes
	Filming	Yes
	Perusion imaging in workstation	Yes
CONTRAST BASED DUAL ENERGY APPLICATIONS	Virtual Non-contrast imaging	Yes, No
	Mono-energetic imaging	Yes, No
	Direct Angio	Yes, No
	Lung Perfusion	Yes, No
	Gout Imaging	Yes, No
	Calculi Characterization	Yes, No
	Bone Marrow imaging	Yes, No
	Iodine Mapping	Yes, No
ACCESSORIES	Online UPS for full backup of atleast 30 minutes	Yes
	Lead Glass Setup to be provided	Yes, No
	Lead aprons - 5 Nos with Hanger to be provided	Yes
	Gonad and thyroid Shield - 5 No each	Yes
	Pressure Injector	Dual head

Specification	Specification Name	Bid Requirement (Allowed Values)
	Color Printer	Yes
	Head Holder	Yes
	Patient table accessories	Yes
	X Ray Film Viewer	Yes
	Variety of phantoms for quality control	Yes
CERTIFICATIONS AND REPORTS	Product certification	EU-CE, US- FDA, US-FDA
PRE-INSTALLATION SITE REQUIREMENT	Preparation of CT Scan Room , console Room , Technical room, one wash room etc to be done by the seller in the area of approx 800 sq feet	Yes
	Tile based false ceiling and floor tiling and wall tiling till false ceiling in rooms to be done by the seller	Yes
	Necessary modification civil work, electrical , plumbing, furnishing, air conditioning in the given area to be done by the Seller	Yes
	Doors other than main CT room to be of good quality Aluminium doors and should be done by the seller	Yes
	Any other necessary work for system functioning like earthing , proper LED lighting power points etc to be done by the seller	Yes
	Room shielding to be done by the seller	As Per AERB Gudielines
WARRANTY	Warranty in years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	5 Or higher

Comprehensive Maintenance	
Warranty of required product	5 Year
Comprehensive Maintenance Duration (Post Warranty)	5 Year

*Warranty displayed under the AMC/CMC Details section will supersede the warranty displayed under the catalog specification

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Bhawana Tyagi	226010,SUDA Bhawan, 7/23, Sector-7, Gomtinagar Extension, Lucknow-226010	28	90

Special terms and conditions-Version:2 effective from 25-05-2021 for category CT Scanners 128 Slice

- 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.
 - 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.
 - 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.
 - 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.
 - 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.

- **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.

- **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.

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

Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity 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.

2. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address Consignees are various locations in different districts of UP. However actual consignee will be shared at later stage after the finalization of said tender. Consignees are various locations in different districts of UP. However actual consignee will be shared at later stage after the finalization of said tender. Consignees are various locations in different districts of UP. However actual consignee will be shared at later stage after the finalization of said tender. Consignees are various locations in different districts of UP. However actual consignee will be shared at later stage after the finalization of said tender. Consignees are various locations in different districts of UP. However actual consignee will be shared at later stage after the finalization of said tender..

3. Scope of Supply

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)

4. Turnover

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.

5. Forms of EMD and PBG

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name UP MEDICAL SUPPLIES CORPORATION LIMITED Account No. 39366886265 IFSC Code SBIN0006893 Bank Name STATE BANK OF INDIA Branch address UP CIVIL SECRETARIAT VIDHAN SABHA MARG LUCKNOW.

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.

6. Certificates

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.

7. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

The physical demonstration of the quoted model of the said item will be held details of which will be shared at later stage through email with technically qualified bidders. Bidders are requested to mention their Email ID and contact no. in technical bid for future correspondence.

Transportation charges or any other charges will not be beard by UPMSCL .It is the responsibility of respective bidders.

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity/restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and/or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents/clauses shall also be null and void. If any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations. Also, GeM does not permit collection of Tender fee / Auction fee in case of Bids / Forward Auction as the case may be. Any stipulation by the Buyer seeking payment of Tender Fee / Auction fee through ATC clauses would be treated as null and void.

Additional Clause For Comprehensive Maintenance Charges

- 1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC 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 or as per user requirement. Cost of consumables shall not be included in CMC.Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.
- 2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.
- 3.GST shall be included in the CMC Charges quoted.
- 4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula.A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.
- 5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.
- 6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available.Under this option up to 10 years can be chosen for CMC charges beyond warranty period.
- 7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.
- 8.The CMC functionality shall be available in bid only and no direct RA shall be applicable.In case of bid to R/A

decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

8.1. Buyer shall indicate number of years of warranty by selecting different options available in the field depending on warranty parameter applicable in category parameters for the equipment. No. of years of warranty indicated here shall supersede the warranty period indicated elsewhere in bid or product specifications. The Seller while participating in Bid/RA will get fields to indicate CMC charges as percentage depending on number of years of CMC selected by Buyer. The following shall be applicable, if 5 year CMC selected:

CMC charges for 1st year after warranty period- Percentage to be indicated- A1

CMC charges for 2nd year after warranty period- Percentage to be indicated- A2

CMC charges for 3rd year after warranty period - Percentage to be indicated- A3

CMC charges for 4th year after warranty period - Percentage to be indicated- A4

CMC charges for 5th year after warranty period - Percentage to be indicated- A5

Similarly, A6 to A10 are to be indicated for 6th to 10th year of CMC if applicable.

8.2. The calculation of CMC Charges shall take into account the number of years of warranty and duration of CMC as specified while creating bid.

8.3. In the price evaluation, the system shall provide function to calculate the cost of each equipment by formula indicated below including CMC and then show the inter-se-ranking of the bidders. The following are the variables

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

The formula for calculating total cost including CMC charges shall be as under:

Total Cost for evaluation=

$C + C * \{ (A1/100)/(1.10^n) + (A2/100)/(1.10^{n+1}) + (A3/100)/(1.10^{n+2}) + (A4/100)/(1.10^{n+3}) + (A5/100)/(1.10^{n+4}) \}$ and so on

C - Cost for equipment quoted and n shall be number of years of product warranty specified.

If 2 year warranty specified, n shall be 2 and if 5 year warranty specified, n shall be 5. A1, A2, A3, A4 & A5 shall depend on how many years CMC selected. For 3 year CMC, only A1, A2 and A3 factors are to be taken into account and A4 and A5 will not be applicable.

8.4. CMC charges offered for each subsequent year should be same or higher than preceding year.

8.5. The CMC charges shall be offered within range of 3 to 10% of cost of equipment.

9. Since CMC charges are to be paid only later for each year during CMC period, applicable performance guarantee amount after placement of contract shall be based on the cost of equipment excluding the cost of CMC Charges.

10. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable between 2.5% to 5% as specified in bid on total CMC Charges. The PBG submitted after award of contract shall be released only after new PBG for the CMC period is submitted and accepted by buyer/consignee after due verification. Bank guarantee for CMC is to remain valid till completion of CMC period plus one year. The bank guarantee for CMC shall be submitted to buyer directly. In case, seller fails to submit the PBG or does not provide services for the CMC contract after expiry of warranty period then PBG of equipment shall be forfeited.

11. In case of splitting of order quantity, equipment cost and CMC charges offered by L1 bidder shall be matched by higher quoting eligible bidders on one-to-one basis. The equipment cost and CMC charges (year to year) shall be matched individually.

12. The CMC Contract shall be an offline contract to be handled by buyer. The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user and scope of CMC will be as per para 1 above.

13. CMC Charges are inclusive of all the charges for Transportation, Lodging, Boarding, all insurances including third party insurance and all other incidental charges. The same shall include GST. The prices also include cost of spares and damaged parts. Purchaser does not have any liability, whatsoever, over and above the cost of CMC. It also includes for arranging hand tools & tackles, special tools etc. required to carry out the work.

[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---