

Bid Document

| Bid Details | |
|--|--|
| Bid End Date/Time | 14-04-2022 15:00:00 |
| Bid Opening Date/Time | 14-04-2022 15:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 65 (Days) |
| Ministry/State Name | Ministry Of Health And Family Welfare |
| Department Name | Department Of Health And Family Welfare |
| Organisation Name | All India Institute Of Medical Sciences (aiims) |
| Office Name | Aiims, New Delhi |
| Total Quantity | 10 |
| Item Category | Cardiac Monitor with defibrillator (Q3) |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Document required from seller | Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),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 |
| Bid to RA enabled | Yes |
| RA Qualification Rule | 50% Lowest Priced Technically Qualified Bidders |
| Comprehensive Maintenance Charges Required | Yes |
| Time allowed for Technical Clarifications during technical evaluation | 2 Days |
| Evaluation Method | Total value wise evaluation |

EMD Detail

| | |
|-------------------|---------------------|
| Advisory Bank | State Bank of India |
| EMD Percentage(%) | 2.00 |
| EMD Amount | 90000 |

ePBG Detail

| | |
|-------------------------------------|---------------------|
| Advisory Bank | State Bank of India |
| ePBG Percentage(%) | 3.00 |
| 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:

DIRECTOR AIIMS

Aiims, New Delhi, Department of Health and Family Welfare, All India Institute of Medical Sciences (AIIMS), Ministry of Health and Family Welfare (Director Aiims)

Splitting

Bid splitting not applied.

MII Purchase Preference

| | |
|-------------------------|-----|
| MII Purchase Preference | Yes |
|-------------------------|-----|

MSE Purchase Preference

| | |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

1. Preference to Make In India products (For bids < 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. 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. However, eligible micro and small enterprises will be allowed 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.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be

given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

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. Reverse Auction would be conducted amongst first 50% of the technically qualified bidders arranged in the order of prices from lowest to highest. Number of sellers eligible for participating in RA would be rounded off to next higher integer value if number of technically qualified bidders is odd (e.g. if 7 bids are technically qualified, then RA will be conducted amongst L-1 to L-4). In case number of technically qualified bidders are 2 or 3, RA will be between all without any elimination. If Buyer has chosen to split the bid amongst N sellers, then minimum N sellers would be taken to RA round. In case Primary products of only one OEM are left in contention for participation in RA based on lowest 50% bidders qualifying for RA, the number of sellers qualifying for RA would be increased to get at least products of one more OEM (directly participated or through its reseller) if available. Further, if bid(s) of any seller(s) eligible for MSE preference is / are coming within price band of 15% of Non MSE L-1 or if bid of any seller(s) eligible for Make in India preference is / are coming within price band of 20% of non MII L-1, then such MSE / Make in India seller shall also be allowed to participate in the RA process.

Cardiac Monitor With Defibrillator (10 pieces)

(Minimum 50% Local content required for qualifying as Class 1 Local Supplier)

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

Technical Specifications

[* As per GeM Category Specification](#)

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|------------------------|--|--|
| Standards | Confirmity to Manufactures Certification | ISO 9001 & ISO 13485, ICMED 9001 & 13485 |
| Performance Parameters | Capability parameter of defibrillator | ECG monitoring,external defibrillation, external pacing (transcutaneous), internal defibrillation and recording, ECG Monitoring , defibrillation |
| | Modes in defibrillator | Automated external defibrillation, Manual, Automated external defibrillation and manual |
| | Number of wave-forms | 2, 3, 4 |
| | Patient compatibility to defibrillate | Adult ,pediatric patients, Pediatric |
| | Type of display | TFT, LCD |
| | Facility to have synchronized cardio version | Yes, No |
| | Ability to display CPR index on screen real time | Yes, No |
| | Ability to filter out CPR artefacts to see organised rhythms without interrupting chest compression | Yes, No |
| | Provision of in built recorder | Yes, No |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|---------------|--|--|
| | | |
| | Provision of printing ECG trace & stored information | Yes, No |
| | Facility of External non-invasive pacing | Yes, No |
| | Type of external transcutaneous pacing modes | Demand mode, Fixed mode (asynchronous), Both Demand mode and fixed mode |
| | Pulse width of External non-invasive pacing in milli seconds | 40, NA |
| | Ability to measure chest compression rate and depth in real time with visual feedback on screen with rate and depth indicator | Integrated with defibrillator, Defibrillator with external sensors, Not Provided |
| | Facility to monitor EtCO2 | Yes, No |
| | Facility to monitor NIBP | Yes, No |
| | Facility to monitor SPO2 | Yes, No |
| | Upgradability to monitor EtCO2 | Yes, No |
| | Upgradability to monitor NIBP | Yes, No |
| | Upgradability to monitor SPO2 | Yes, No |
| | ECG monitoring | Using 12 leads, Using 3 lead, Using 5/6 lead, Not available |
| | Facility for internal defibrillation | Yes, No |
| | Provision of stainless steel trolley with lockable castors | Yes, No |
| | Suitability of defibrillator for transport on ground (ambulance) | Yes, No |
| | Defibrillator suitable to use at high altitudes and in air craft | Yes, No |
| | Defibrillator should display selected energy | Yes, No |
| | Defibrillator should display delivered energy | Yes, No |
| | Suitability of defibrillator for transportation in air (aircraft) | Yes, No |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|--------------------------|--|---|
| | Availability of suitable protection for dust and water | Yes, No |
| Accessories | Li-ion Battery | 1, Not provided |
| | ECG cable | 1, 2, Not provided |
| | NIBP pediatric cuff with hose | 1, 2, Not provided |
| | NIBP adult cuff with hose | 1, 2, Not provided |
| | Reusable airway adaptor to be used with ETCO2 main stream / side stream sensor and cable | 1, 2, Disposable airway adpater - 2 each for intubated and non intubated patient with EtCO2 mainstream sensor and cable, Not provided |
| | Disposable airway adpater with EtCO2 mainstream sensor and cable | One each for incubated and non intubated patient, 2 each for incubated and non incubated patient, Not provided |
| | External defibrillator paddles (pediatric in built in adult) | 1, 2, Not provided |
| | Multi Function Defibrillator & Monitoring pads/gel sheets | 10, 12, Not provided, 5 |
| | Recorder paper roll | 10, Not provided |
| | Reusable CPR feedback sensor/or similar product reused | 1, 2, Not provided |
| Miscellaneous Parameters | Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue) | 1, 2, 3, 4, 5 |

| 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

Additional Specification Parameters - Cardiac Monitor With Defibrillator (10 pieces)

| Specification Parameter Name | Bid Requirement (Allowed Values) |
|------------------------------|---|
| TECHNICAL REQUIREMENT | The technical specifications as per BUYER ADDED BID SPECIFIC ATC will be considered for technical evaluation. The bid will not be evaluated on the basis of above stated specifications. The actual requirement is stated in the BUYER ADDED BID SPECIFIC ATC. Kindly quote for the product meeting with technical requirement as per BUYER ADDED BID SPECIFIC ATC. |

* Bidders offering must also comply with the additional specification parameters mentioned above.

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|-----------------------------------|----------|---------------|
| 1 | Satish Sangawat | 110029,National centre for ageing | 10 | 30 |

Buyer Added Bid Specific 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. **Generic**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 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 50% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

DEFIBRILLATOR 1. Defibrillator along with ECG monitoring and automated external defibrillator.

2. Should have an inbuilt module for EtCO2 monitoring.

3. 05 or more lead ECG monitoring and recording; should be able to print a 3 channel ECG directly.

4. Should be based on biphasic wave form for defibrillation with range of energy from 2 joules to at least 200 joules for external defibrillation. 6 / 9

5. Charge time to 200 joules should be less than 7 seconds.

6. Should be able to compensate for patient to patient differences in impedance and paddles should show the degree of contact on the paddles.

7. Should have both automated external defibrillator as well as manual defibrillator with easy conversion between the two modes.

8. The machine should be able to defibrillate pediatric patients. Also separate paddles for pediatric patients should be supplied (one set with each unit).

9. Should be possible to use paddles as well as pads for monitoring and defibrillating a patient.

10. The display screen should be at least 6" in size, TFT/ LCD with color display and should be clearly visible, both in dark and daylight. It should display at least 3 channels. It should show the heart rate,

operating mode (AED or otherwise), synchronous or asynchronous mode for defibrillation energy selected, pacing mode and energy. It should be possible to vary the size of ECG on the monitor.

11. In-built rechargeable battery. Low battery indicator should be present. However defibrillator should work on electricity predominantly.
12. Battery should be able to give at least 50 shocks at full defibrillation energy.
13. Should have in-built alarms for heart rate and occurrence of VT or VF.
14. Should have internal memory of at least 8 hours of all data and 50 events (duration, number of shocks, date and time of shocks)
15. Should be light weight and compact (less than 8 kg with battery)
16. Equipment should have BIS/ US-FDA/ CE (European) certificate issued by notified bodies under directive 93/42/EEC Medical Devices .
17. In addition to standard accessories, the company should supply the ECG lead (complete set of 5 lead cables) – 12 Nos. along with each equipment.

“The specifications pertaining to this equipment are broad based and many reputed companies fulfill our specifications/ requirements”.

Note: The cost of accessories/ consumables/ spares etc. need to be supplied along with the equipment should be included in the quoted price. However the prices of accessories/ consumables/ spares etc. required for the equipment during the lifetime of the equipment should be quoted separately in pdf format which will be fixed for the lifetime of the equipment for future purchases, if required. If the prices of any accessories/ consumables/ spares etc. is not provided, the bidder will have to provide that free of cost for the lifetime of the equipment.

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 specification 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.

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---