

### Bid Document

| Bid Details  |   |
|--|---|
| <b>Bid End Date/Time</b>   | 10-03-2022 11:00:00   |
| <b>Bid Opening Date/Time</b>   | 10-03-2022 11:30:00   |
| <b>Bid Life Cycle (From Publish Date)</b>                                    | 90 (Days)   |
| <b>Bid Offer Validity (From End Date)</b>                                    | 65 (Days)   |
| <b>Ministry/State Name</b>   | Ministry Of Health And Family Welfare   |
| <b>Department Name</b>   | Department Of Health And Family Welfare   |
| <b>Organisation Name</b>   | All India Institute Of Medical Sciences (aiims)   |
| <b>Office Name</b>   | Aiims, New Delhi  |
| <b>Total Quantity</b>  | 4   |
| <b>Item Category</b>   | Anaesthesia Workstation (Q3)  |
| <b>MSE Exemption for Years of Experience and Turnover</b>                    | No  |
| <b>Startup Exemption for Years of Experience and Turnover</b>                | No  |
| <b>Document required from seller</b>   | 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<br>*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 |
| <b>Bid to RA enabled</b>   | Yes   |
| <b>RA Qualification Rule</b>   | 50% Lowest Priced Technically Qualified Bidders   |
| <b>Comprehensive Maintenance Charges Required</b>                            | Yes   |
| <b>Time allowed for Technical Clarifications during technical evaluation</b> | 2 Days  |
| <b>Evaluation Method</b>   | Total value wise evaluation   |

#### EMD Detail

|          |    |
|----------|----|
| Required | No |
|----------|----|

#### ePBG Detail

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

|                                     |      |
|-------------------------------------|------|
| ePBG Percentage(%)                  | 3.00 |
| Duration of ePBG required (Months). | 62   |

(a). 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.

## Anaesthesia Workstation ( 4 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)   |
|------------------------|---|--|
| Performance Parameters | <b>Purpose of anesthesia workstation</b>  | Anesthetic machine in used to provide an accurate and continuous supply of medical gases mixed with an accurate concentration of anaesthetic vapour and deliver this to the patient at a safe pressure and flow. |
|                        | <b>Components of Anesthesia workstation</b>                                       | Anesthesia machine , Inbuilt ventilator , vaporisor , Gas delivery system , Multi para monitor   |
|                        | <b>Type of mounting for the Anesthesia workstation</b>                            | Wall Mounting, Trolley Mounting  |
|                        | <b>Material used for Anesthesia workstation</b>                                   | Non ferrous metals, Polymer, Epoxy powder painted steel, Stainless steel, rust-proof ABS plastic with metal reinforcements   |
|                        | <b>Mode of integrated scavenging system with pressure relief valve</b>            | Active, Passive  |
|                        | <b>Minimum Battery backup for anesthesia workstation</b>                          | 45 Minute, 1 hour, 2 hour  |
|                        | <b>Minimum Battery backup for Ventilator</b>                                      | 45 Minute, 1 hour, 2 hour  |
|                        | <b>Minimum Battery backup for monitor</b>   | 45 Minutes, 1 hour, 2 hour   |
|                        | <b>Facility of manual ventillation in case of electricity and battery failure</b> | Yes, No  |

| Specification         | Specification Name  | Bid Requirement (Allowed Values)  |
|-----------------------|---|---|
|                       | <b>Facility of gas and agent delivery in case of electricity and battery failure</b>                            | Yes, No   |
|                       | <b>All the components likes anesthesia machine, integrated ventilator, vaporizer from the same manufacturer</b> | Yes, Yes (except for desoflurene/Enflurane vaporizer to be sourced from reputed OEM with complete warranty support and authorization )  |
|                       | <b>Patient monitor from same manufacturer</b>   | Yes, No   |
|                       | <b>The anesthesia machine can be used safely up to 1000 gauss line while being used with MRI</b>                | Yes, No   |
|                       | <b>Should have Air/N<sub>2</sub>O interlock</b>   | Yes, No   |
|                       | <b>Warranty in years</b>  | 3, 4, 5   |
| Gas Delivery System   | <b>Mode of gas mixing</b>   | Electronic, Pneumatic   |
|                       | <b>Type of hypoxic guard with automatic cutoff of N<sub>2</sub>O</b>  | Electronic, Mechanical  |
| Vaporizer             | <b>Vaporizer compatible to gases</b>  | Sevoflurane, Isoflurane, Desflurane, Halothane, Enflurane   |
| Breathing System      | <b>Number of bair circuit (adult) supplied with workstation</b>   | 10, 15, 20  |
|                       | <b>Number of Jackson Rees circuit for pediatric patients supplied with workstation</b>                          | 10, 15, 20  |
|                       | <b>Volume capacity of breathing system in liters</b>  | 1.5, 1.7  |
| Anesthesia Ventilator | <b>Available modes of operating ventilator</b>  | Manual/spont, volume controlled , pressure controlled , SIMV/PS, CMV, SIMV, AC, Sign  |
|                       | <b>Ventilator should be capable to pressure support</b>   | Yes, No   |
|                       | <b>Screen size of Ventilator monitor in inches</b>  | 8, 10, 12, 15, 7  |
| Monitor               | <b>Type of monitor</b>  | TFT, LCD  |
|                       | <b>Patient multipara monitor shall be able to display parameters</b>  | HR, SpO <sub>2</sub> , NIBP, ECG, Temp, HR, SpO <sub>2</sub> , NIBP, ECG, Temp, Agent identification (MAC), HR,SpO <sub>2</sub> ,NIBP,ECG,Temp, Agent identification (MAC),NIMT/BIS,Entropy |
|                       | <b>NMT to be displayed</b>  | Yes, No   |
|                       | <b>Dual temperature to be displayed</b>   | Yes, No   |

| Specification          | Specification Name                               | Bid Requirement (Allowed Values)  |
|------------------------|--|---|
|                        | <b>BIS/ENTROPY to be displayed</b>               | Yes, No   |
|                        | <b>Capnography to be displayed</b>               | Yes, No   |
|                        | <b>EtCO2 to be displayed</b>                     | Yes, No   |
|                        | <b>IBP1 and IBP2 to be displayed</b>             | Yes, No   |
|                        | <b>CO(cardiac output) to be displayed</b>        | Yes, No   |
|                        | <b>System to be supplied with oxygen monitor</b> | Yes, No   |
| Additional Accessories | <b>Provision for laryngoscopes</b>               | Yes (adult and pediatric), Not Provided                                   |
|                        | <b>Reusable patient circuits</b>                 | 1, 2, Not provided  |
|                        | <b>Reusable masks</b>                            | 2, 3, Not provided, Adult & Pediatric i piece on each sizes 0,1,2,3,4 & 5 |
|                        | <b>SPO<sub>2</sub> sensor provided</b>           | 1, Not provided, 2  |
|                        | <b>NIBP cuff</b>                                 | 1, Not Provided   |
|                        | <b>Skin and nasopharyngeal temperature probe</b> | 1, Not provided   |
|                        | <b>ETCO2 sample lines</b>                        | 1, Not provided, 10, 25, 10   |
|                        | <b>Reusable IBP interface cables</b>             | 1, Not provided   |
|                        | <b>Disposable IBP transducers</b>                | 1, Not provided, 5, 10  |
|                        | <b>BIS sensors</b>                               | 10, 20, 25, Not provided  |
|                        | <b>Accessories for wall mounting</b>             | Yes, NA (If trolley mounting)   |

| <b>Comprehensive Maintenance</b>                   |        |
|--|--------|
| 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 - Anaesthesia Workstation ( 4 pieces )**

| Specification Parameter Name | Bid Requirement (Allowed Values)   |
|------------------------------|--|
| TECHNICAL REQUIREMENT        | REQUIRED TECHNICAL SPECIFICATIONS HAS BEEN ATTACHED IN "BUYER ADDED BID SPECIFIC ATC". BIDDERS ARE REQUIRED TO QUOTE FOR THE PRODUCT MEETING WITH TECHNICAL REQUIREMENT GIVEN IN "BUYER ADDED BID SPECIFIC ATC" .REQUIRED TECHNICAL SPECIFICATIONS HAS BEEN ATTACHED IN "BUYER ADDED BID SPECIFIC ATC". BIDDERS ARE REQUIRED TO QUOTE FOR THE PRODUCT MEETING WITH TECHNICAL REQUIREMENT GIVEN IN "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, AIIMS, New Delhi | 4        | 60            |

### 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

#### TECHNICAL SPECIFICATIONS FOR ANESTHESIA WORKSTATION

##### TOTAL REQUIREMENT: 04 UNITS for NCA

1. Anesthesia workstation should be capable of delivering anesthesia to the patient during surgery.
2. It should be integrated anaesthesia workstation.
3. It should have high end ventilator suitable for patient with different diseases.
4. Single user interface should control and display all parameter including control of modes, display of cylinder pressures etc.
5. The machine should be suitable for low and minimal flow anesthesia application.
6. The machine should have automatic calculations and presetting of patient specific ventilation settings.
7. It should have configurable screen layouts for individual screen set ups.
8. It should have Nitrous oxide free operation configurable.
9. The anaesthesia machine and vaporizer should be manufactured by

same company.

10. The machine should have provision for continuous monitoring of O<sub>2</sub> and anesthetic agent both – at Normal and low flows of gases.

v The Anesthesia Machine should also have the following:

1. Pipelines attachment for oxygen, nitrous oxide and compressed air.
2. Yoke assembly for oxygen and nitrous oxide with pin index system.
3. Durable main switch to put the machine in the on or off position.
4. Digital control and display for oxygen.
5. Electronic gas mixing.
6. Should have all standard safety features like:
  - a) Electronic hypoxic guard.
  - b) Ability to provide 25% or more of oxygen when an anesthetic gaseous mixture is in used.
  - c) Extra flow meters for oxygen only.
  - d) Digital display of pressure value of Cylinders and Central pipeline
7. Should have oxygen flush with a flow rate of more than 35L/min.
8. Electronic Vaporizers – 03 Nos with each machines (Latest technology), easily removable & replaceable
9. The workstation should be able to hold two vaporizers simultaneously (Compatible vaporizers for Isoflurane, Sevoflurane & Desflurane with each workstation).
10. Each vaporizer should have anaesthetic agent delivery based on electronic principle/ injector principle along with the machine.
11. Electronic monitoring of vaporizer setting on main anaesthesia screen should be present.
12. Cost of vaporizers to be quoted separately.
13. CO<sub>2</sub> absorber system with the following features :-
  - a) Single/Double canister
  - b) Autoclavable
  - c) Canister capacity of 0.8 kg or more.
- v The Machine should have settings for oxygen and anaesthetic agent based on Continuous monitoring of patient O<sub>2</sub> and anaesthetic agent value.
- v Machine should be equipped with anesthesia gas monitoring with automatic identification of anesthetic agent (MAC and end tidal concentration) as well as O<sub>2</sub>, N<sub>2</sub>O, FiO<sub>2</sub> and ET CO<sub>2</sub>.
  - d) It should be possible to bypass the canister if removed during clinical cases to change sodalime.
14. APL valve assembly and Bag mount should be conveniently placed.
15. Independent port for open circuit should be present.
16. Should be provided with drawers for storage space.
17. Machine should have a good quality handle and castors to move the machine with locking system.
18. The ventilator of the machine should have the following features:-
  - a) Should be electronically controlled.
  - b) It should have coloured screen with minimum 15" screen size.
  - c) Volume and pressure control mode of ventilations.
  - d) Electronic peep.
  - e) Both SIMV and pressure support mode.
  - f) Tidal volume range from 20 ml to 1200 ml
  - g) Respiratory rate from 4 to 80 or more
  - h) I:E ratio 2:1 – 1:5
  - i) Display : Respiratory rate, peak airway pressure and PEEP
  - j) There should be no collection of water in the breathing system.

19. Should be able to display
  - a) Pressure Vs time.
  - b) Volume/ Flow Vs time.
20. The work station should be capable of delivery of low and minimal flow anaesthesia even at 350 ml of total fresh gas to reduce patient consumption
21. It should have alternate O2 supply mode in case electronic gas mixture failure.
22. Should have a battery backup of atleast 40- 60 minutes.
23. A demonstration of the product is essential by the firm of the model quoted.
24. Monitor should have the following.
  - A modular configurable patient monitor for Adults.
  - Should have at least 19" or more TFT colour display with a minimum of 8 waveforms at a time.
  - Should be touch screen.
25. Should be able to measure the following parameters:
  - a) 3 and 5 lead ECG with electrocautery & defibrillator filter with ST Segment & arrhythmia detection with analysis.
  - b) Respiration, temperature.
  - c) SpO2 with Masimo technology to prevent motion artifact.
  - d) NIBP, 2 IBP , ETCO2.
  - e) Multi -Gas analysis with auto detection of all anesthetic agents should be able to display either on machine or patient monitor. Should have independent paramagnetic oxygen sensor for FiO2 monitor and flow sensor for spirometry loops.
  - f) Integrated BIS/entropy Monitoring.
  - g) Upgradable to cardiac output ( thermodilution/ PICCO ) monitoring.
  - h) Integrated modular NMT monitor parameter display on the main monitor.
26. Should be able to automatically detect and calculate MAC of all anaesthetic gases.
27. There should be no electrical RF interference.
28. Should be able to calculate and display FiO2.
29. Intelligent cooling system to keeps the unit running quiet during use.
30. Separate indicator lights for technical and physiological alarms.
  - a) Maximum BEEP tone should be loud enough to be audible from atleast a distance of 12 feet.
  - b) Should have graded audio and visual alarms for the following parameters:
    - c) Blood pressure - High and Low.
    - d) SpO2 - High and Low.
    - e) Heart rate - High and Low.
    - f) Respiration - High and Low.
    - g) FiO2 - High and Low.
    - h) Trends - Upto 48 Hours or more, trend analysis, upto 24 hours.
31. Should have a Battery Back- up of at least 1 hour.
32. Display of Anaesthesia ventilator data like wave forms for flow, pressure, agent and loops, and trends on patient monitors.
33. Anesthesia ventilator and vaporizer should be from same manufacturer.
34. System should meet international quality directives i.e. US-FDA / CE (European) certificate issued by notified bodies under directive 93/42/EEC Medical Devices and verifiable by EU notified bodies. The O.E.M. should

also have BIS / ISO 13485 certifications.

35. It should be ready to run Web based application like:- PACS,HIS.
36. The machine should be supplied with the following accessories and price quoted separately and price will be fixed for next ten years.:
  - a) ECG Cable – 5 Nos. for each machine
  - b) SPO2 Sensor Adult 5 Nos. for each machine
  - c) NIBP Cuff: 5 for Adult – Size: Medium & Large 02 each and 01 Extra Large with each machine.
  - d) IBP Transducers: Disposable 10 nos. for each machine
  - e) IBP Cable: 2 Nos. for each machine
  - f) BIS / Entropy Electrode – 25 Nos. per machine
  - g) ETCO2 Sample Line: 50 Nos for each machine
  - h) Water trap 50 nos. for each machine
  - i) Reusable autoclavable Breathing circuit: 5 Nos. for Adult patient with each machine
  - j) Temperature Probe – 2 Adult (Nasopharyngeal) with each machine
  - k) Disposable breathing circuit including water trap- 40 each for adult patient with each machine
  - l) Reusable anesthesia mask 5 set for adult patient with each machine
  - m) NMT Cable 2 Nos. for each machine
  - n) AGSS Filter – 10 Nos. for each machine, Soda Lime – 25 Kg. for each machine
37. System should have facility and required accessories for active AGSS (Anesthesia gas Scavenging System)( From same OEM).
38. Should be equipped with:
  - a) Trolley with drawer.
  - b) Writing surface
  - c) Pin Index yokes for O2 & N2O
  - d) Pipeline connections for all three gases
  - e) Integrated Ventilator & monitor
  - f) Semiclosed breathing system
  - g) Central gas supply hoses (Color coded)
  - h) Instruction for use

v A demonstration of the product is essential by the firm of the quoted model and must provide preferably performance certificate of the model quoted.

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

## **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 includingCMC 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& A5shall 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---**