

### Bid Document

Bid Details	
Bid End Date/Time	28-07-2020 12:00:00
Bid Opening Date/Time	28-07-2020 12:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	80 (Days)
Ministry/State Name	Ministry Of Health And Family Welfare
Department Name	Department Of Health Research
Organisation Name	N/a
Office Name	Bhopal Memorial Hospital & Research Centre Bhopal
Total Quantity	1
Item Category	Haemodialysis Machine
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 *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	No
CMC Required	Yes
Inspection Required	No

### EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	21550

### 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:**

Director, BMHRC

Bhopal Memorial Hospital & Research Centre Bhopal, Indian Council of Medical Research, Department of Health Research, Ministry of Health & Family Welfare, Government of India, Raisen Bypass Road, Bhopal - 462038 (M.P.)  
(Dr. Prabha Desikan)

**Splitting**

Bid splitting not applied.

**Haemodialysis Machine ( 1 pieces )****Technical Specifications**

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
GENERAL FEATURES	Product name	Haemodialysis or Dialysis machine	*
	Clinical purpose	Purification of blood of a person by removing excess water and waste products from the blood using artificial kidney with the help of a dialysis machine out side the patient's body whose kidneys are dysfunctional, damaged or missing	*
	Patient category	Pediatrics and adults	*
CONSTRUCTION, OPERATION AND FUNCTIONAL FEATURES	<b>Material of the body</b>	Polypropylene (PP)	Polypropylene (PP)
	The Machine should be of latest technology with microprocessor controlled	Yes	*
	Machine should have Acetate & Bicarbonate dialysis facility	Yes	*
	Machine should have two bacterial filters (Pyrogen filters) one at water inlet and one before water going to dialyzer	Yes	*
	Machine should have Sequential/Isolation Ultra filtration facility	Yes	*
	It should have Arterial , Venous & Transmembrane pressure monitoring facility	Yes	*
	<b>Arterial Pressure Monitoring</b>	-300 mm Hg to +300 mm Hg	-300 mm Hg to +300 mm Hg
	Venous Pressure Monitoring	-60 mm Hg to +500 mm Hg	*
	Transmembrane Pressure Monitoring	-60 mm Hg to +500 mm Hg	*

Treatment parameters should be displayed by trend curve and digital both in a user friendly manner	Yes	*
<b>Arterial Blood pump flow rate (ml/min)</b>	15 to 600	15 to 600, 20 to 600
Blood tubing pump segment should be operator changeable for use of different type of blood tubing sets	Yes	*
Blood Tubing Pump segment range 4mm to 10mm approx	Yes	*
<b>Variable dialysate flow (ml/mt)</b>	300 to 800	200 to 800, 300 to 800
<b>Dialysate Temperature (degree C)</b>	34 to 39	34 to 39
<b>Machine should have Single Needle dialysis facility</b>	With double blood pump	With double blood pump
Machine should have volumetric Ultrafiltration system	Yes	*
<b>Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery</b>	Yes	Yes
Machine should have In-line Bicarbonate mixing and solution preparation facility with sterile dry powder cartridge during dialysis	Yes	*
Machine should have Air bubble detector facility with level adjustment facility for Venous Chamber	Yes	*
Machine should have Optical Sensor to check the presence of blood/saline in the extracorporeal blood circuit system	Yes	*
Should have Na, Bicarbonate and UF profiling	Yes	*
Should have drain facility	Yes	*
Machine should have Heparin Infusion Pump with rate 0 to 10ml/min and Bolus infusion up to 5ml/min approx	Yes	*
<b>Heparin infusion pump delivery range (ml/min)</b>	0 to 10	0 to 10
<b>Heparin infusion pump bolus infusion range (ml/min)</b>	0 to 5	0 to 5
Machine should have blood leak sensor	Yes	*

Alarm will be activated for blood loss rate not greater than 0 point 5ml/min at maximum dialysate flow of 800ml/min	Yes	*
Machine should be able to accept different concentrate formulation, different dialyzers and blood tubing set	Yes	*
Ultrafiltration rate (Lts/Hr)	4	*
Machine should have variable conductivity setting between 13 to 15(minimum range)	Yes	*
Machine should have facility for priming and rinsing of dialyzer and blood lines	Yes	*
Machine should have automatic priming/reinfusion facility	Yes	*
Machine should have Hot Rinsing and Hot Chemical Disinfection facility (Temp above 80 deg Celsius) with recirculation system	Yes	*
it should have various Chemo Thermal cleansing and disinfection programs	Yes	*
Machine should have Ultrafiltration and Sodium Profiling facility	Yes	*
Built-in heat exchanger	Yes	*
<b>Machine should have built-in automatic pulse rate and blood pressure(NIBP) monitoring unit</b>	Yes	Yes
<b>Built-in online NIBP recording facility</b>	Yes	Yes
Online clearance kt/V facility	Yes	*
<b>Machine should be up gradable to future software development and can be linked for Data Management System</b>	Yes	Yes
All important data should be preset so that machine can be used anytime without feeding data every time	Yes	*
Should have automatic self test facility	Yes	*
Automatic diagnosis of malfunctioning with on line ability to show the faults with trouble	Yes	*

	Audio visual alarms on limit violation of conductivity,blood leak, air leak, transmembrane pressure alarms,, Dialysis temperature alarm,dialysis can empty alarm, end of disinfection alarm,bypass alarm and blood pump stop alarm, alarm for reverse Ultrafiltration etc	Yes	*
STANDARD ACCESSORIES	<b>Bacterial filters (Sets)</b>	2	2
ELECTRICAL FEATURES	Should have auto ON/OFF Facility	Yes	*
	LED indicator on front panel for status of machine	Yes	*
	Power supply (with Indian plug)	220+/-10% V, 50Hz, AC Single phase	*
	Machine should have Automatic battery backup for complete Extracorporeal blood system during power failure	Yes	*
	UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up	Yes	*
USER INTERFACE	Colour TFT display operated by touch buttons or touch screen	Yes	*
	<b>Colour panel display size (inch)</b>	10	10.0 - 15.0 Or higher
	Data protection while power goes off	Yes	*
	Memory for storage of records	Yes	*
	<b>USB and Ethernet for file sharing</b>	Yes	Yes
PACKING MODE	The product is packed individually in a box with all its accessories in such a way that there will be no transit damage	Yes	*
CERTIFICATIONS & REPORTS	Availability of test report/quality assurance report from parent manufacturer	YES	*
	Product certification	EU-CE	*
	Certificate No	-	*
	Certificate Date	-	*
	Certificate issuing authority	-	*
	Four digit number of notified body If product is EU-CE certified	-	*
	Certification, performance and safety standards	IEC 60601-2-16,ISO 14971:2007,IS:13450(Part	*

	specific to the device	1)	
	Submission of all the certifications and test reports to the buyer along with supplies on demand	Yes	*
INSTALLATION & TRAINING	Supplier to perform installation, safety and operation checks before handover	Yes	*
	Training of users in operation and basic maintenance shall be provided	Yes	*
WARRANTY & MAINTENANCE	Onsite comprehensive warranty from the date of installation and commissioning (in years)	5	*
	User technical and maintenance manual detailing complete maintaining schedule with routine maintenance should be provided	Yes	*
	Contact details of manufacturer, supplier and local service agent to be provided	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	Anand Kumar Tamboli	462038,Raisen By Pass Road Karond Bhopal	1	15

#### Special terms and conditions for category Haemodialysis Machine

1.Comprehensive warrantyComprehensive 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 centresDetails 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 supplyIt 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 MarkingMedical 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 PartsSeller 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, ManualsSeller 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 checkingSellers 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.

## Bid Specific Additional Terms and Conditions

- 1.Experience Certificate for the supply of the same to any Govt/ PSU/ any renowned private organisation along with Supply/ Purchase Order.
- 2.If the agency is registered under MSME or NSIC, then EMD exemption certificate needs to be enclosed.
- 3.Make in india specific authorisation certificate needs to be enclosed.
- 4.**End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- 5.**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.
- 6.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.
- 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 :-  
(i) Inhibit the desires and designed function of the equipment.  
(ii) Cause physical damage to the user or equipment during the exploitation.  
(iii) 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.
- 8.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.
- 9.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.
- 10.Bidders can also submit the EMD with Account Payee Demand Draft in favour of Director, BMHRC payable at Bhopal.

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.

11. Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of Director, BMHRC, Bhopal A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of EMD, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter.

Bidder has to upload scanned copy / proof of the FDR along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

12. 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 Director, BMHRC payable at Bhopal. 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.

13. Successful Bidder can submit the Performance Security in the form of Fixed Deposit Receipt also (besides PBG which is allowed as per GeM GTC). FDR should be made out or pledged in the name of Director, BMHRC, Bhopal A/C (Name of the Seller). The bank should certify on it that the deposit can be withdrawn only on the demand or with the sanction of the pledgee. For release of Security Deposit, the FDR will be released in favour of bidder by the Buyer after making endorsement on the back of the FDR duly signed and stamped along with covering letter. Successful Bidder has to upload scanned copy of the FDR document in place of PBG and has to ensure delivery of hard copy of Original FDR to the Buyer within 15 days of award of contract.

14. 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)

15. 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.

16. ISO 9001: The bidder must have ISO 9001 certification.

17. Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

18. 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.

19. Buyback for Non PFMS/Non GPA:

1. GST will apply on the value of buyback and separate invoice is to be prepared by Government buyer/Consignee for buyback items offline outside the GeM system. Vendor should work out input credit for that GST applicable on the buy back while quoting the product/services.

2. Input GST Credit consideration by seller- seller shall offer the prices in the bid by the total amount of new goods including GST- total amount of old goods quoted by the firm excluding GST. This is because GST charged by buyer on buy-back value will be available for full ITC (input tax credit) on the hands of bidder. Therefore, for the purpose of quoting in the bid and evaluation, value as quoted by the bidder (excluding any GST on buy back) as indicated in column G below will be considered.

Illustrative examples for bidders are as under for understanding of the seller.

Excel sheet for explanation to Buyback ATC							
S.no	Cost of Fresh Good (A)	%age of GST on Fresh Good as considered by seller at the time of quote (B).	GST Amount on Fresh Good (C)	Cost of Buyback item (D)	%age of GST on Buyback items (E) as fixed by buyer in the bid	GST Amount on Buyback item (F) as applicable at the time of invoice by buyer	Quote of the Bidder ( G={A+C-D})
1	100	28	28	20	8	1.6	108
2	100	9	9	20	8	1.6	89
3	110	10	11	24	8	1.92	97
Seller after the award of the GeM contract, will indicate all column A to G which will not alter their quoted price indicated in Column-G							

3. Successful lowest bidder has to provide detailed cost break up of tendered items as well as buy back items separately after award of contract through email to the government buyer/consignee.

4. The seller of new item /service provider shall deposit the cost of invoiced buy back item with GST to the buyer for allowing seller to lift up the material from the buyer/consignee premise.

5. Transportation of buy back items from buyer premises shall be arranged by the seller itself without any extra cost.

6. Government Buyer organisation /consignee will issue invoice of buy back items to the seller at the cost of buyback to be indicated to the buyer by the seller offline after receipt of order. This in no case will modify the bid in any manner.

7. The seller will be entirely responsible for the safe disposal of old items without affecting the environment in any manner as per prevailing statutory rules and Act/ law of the land.

8. The seller may visit the site and inspect the condition of buy back item in advance before quoting for the bid.

9. Receipt of payment by the buyer for Old items and invoicing by buyer will be out of GeM portal.

10. Government Buyer will upload the details of old goods along with the bid in the corrigendum with minimum price.



11. If the minimum price (Optional) is indicated and sellers of new item who are not agreeing to take back the old item at equal to or above that minimum price should not participate in the bid.
12. In case they participate into the bid and afterwards indicates the price of old goods, less than the minimum price shown by Government Buyer in corrigendum, EMD of the bidder will be forfeited.
13. Item Details Consignee wise will be indicated in the corrigendum like -
  1. Consignee wise
  2. Item Description
  3. Serial Number
  4. Model
  5. Brand
  6. Year of manufacturing
  7. Purchased on
  8. Age
  9. Size, Rating, Designation
  10. Quantity
  11. Min price (Optional)
  12. Unit
  13. Working Guidelines (/Functional/Non-Functional)
  14. Remarks
14. The successful bidder shall remove the old goods from the premise of the Government buyer/consignee at the time of the supply, installation and commissioning of fresh goods. Seller will be entitled for payment only after removal of old goods from Government buyer/consignee/user's premise and after supplying the fresh goods in terms of contract.
15. Note: This clause of ATC shall be operated by non PFMS; non GPA buyer i.e. all PSU working through their ERP and not integrated with GPA.
20. 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.
21. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
22. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
23. 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.
24. 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.
25. Warranty period of the supplied products shall be 5 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

## **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. CMC shall not be including the consumables. 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 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 options up to 5 years can be chosen for CMC charges beyond warranty period.

7. The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to RA 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.

7.1. Buyer shall indicate number of years of warranty by selecting option of 2 or 5 available in the field depending on warranty parameter applicable in category parameters for the equipment. 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 first year after warranty period – Percentage to be indicated- A 1
- CMC charges for second year after warranty period – Percentage to be indicated A2
- CMC charges for third year after warranty period – Percentage to be indicated A3
- CMC charges for fourth year after warranty period – Fixed amount to be indicated A4
- CMC charges for 5th year after warranty period – Percentage to be indicated A5

7.2. The calculation of CMC Charges shall take in to account of number of years of warranty and duration of CMC as specified while creating bid.

7.3. 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 warranty. The formula for calculating total cost including CMC charges shall be :

Total cost for evaluation=  $C + C \times (A1/100) / (1.10^n) + A2/100 / (1.10^{n+1}) + A3/100 / (1.10^{n+2}) + A4/100 / (1.10^{n+3}) + A5/100 / (1.10^{n+4})$

C – Cost for equipment quoted and n shall be number of years of warranty specified

If 2 year warranty specified n shall be 2 and if 5 year specified n shall be 5.

A1, A2 A3 A4 A5 shall depend on how many years CMC selected If 3 year means only A1, A2 and A3 factor to be not taken in to account and A4 and A5 will not be applicable

7.4. CMC charges to be indicated for each subsequent year should be same or higher than preceding year.

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

8. 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 and not on basis of cost of equipment along with CMC Charges.

9. Performance bank guarantee applicable for CMC is to be submitted at start of the CMC and shall be applicable 2.5% as specified in bid on the total contract value including 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.

10. In case of splitting of quantity equipment cost and CMC charges offered by L-1 in the evaluated cost shall be matched by higher quoting eligible bidders on one to one basis .The equipment cost shall be matched and CMC charges shall be matched year to year.

11. 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.

12. The above terms and conditions shall be part of the bid as well as part of the contract.

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

**---Thank You---**