

Bid Document

Bid Details	
Bid End Date/Time	28-11-2022 19:00:00
Bid Opening Date/Time	28-11-2022 19:30:00
Bid Offer Validity (From End Date)	180 (Days)
Ministry/State Name	Ministry Of Agriculture And Farmers Welfare
Department Name	Department Of Agriculture Cooperation And Farmers Welfare
Organisation Name	N/a
Office Name	Delhi
Total Quantity	1
Item Category	Gas Chromatography - Triple Quadrupole Mass Spectrometry (GC-MS-MS) (Q3)
Minimum Average Annual Turnover of the bidder (For 3 Years)	50 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	<p>Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,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</p> <p>*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</p>
Past Performance	50 %
Bid to RA enabled	No
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 Amount	240000

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	3.00
Duration of ePBG required (Months).	26

(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:

AAMA

Delhi, Department of Agriculture Cooperation and Farmers Welfare, N/A, Ministry of Agriculture and Farmers Welfare

(Ramesh Chandra Meena)

Splitting

Bid splitting not applied.

MII Purchase Preference

MII Purchase Preference	Yes
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MSE Purchase Preference

MSE Purchase Preference	Yes
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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. Preference to Make In India products (For bids > 200 Crore) (can also be used in Bids < 200 Crore but only after exemption by competent authority as defined in Deptt of Expenditure OM dated 28.5.2020): 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. In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.

4. 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.

5. 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.

6. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% 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.

Gas Chromatography - Triple Quadrupole Mass Spectrometry (GC-MS-MS) (1 pieces)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

Brand Type	Registered Brand
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Technical Specifications

* [As per GeM Category Specification](#)

Specification	Specification Name	Bid Requirement (Allowed Values)
GAS CHROMATOGRAPH (GC) CONFIGURATION	GC Detectors inclusive in the scope of supply	Flame Ionization Detector (FID), Thermal Conductivity Detector (TCD or Hot Wire Detector), Electron Capture Detector (ECD), Nitrogen-Phosphorus Detector (NPD) / Flame Thermionic Detector (FTD), Flame Photometric Detector (FPD), Photo Ionization Detector (PID), Pulsed Flame Photometric Detector (PFPD)
	"Number of FID in the System - inclusive in the scope of Supply	0, 1, 2
	"Number of TCD in the System - inclusive in the scope of Supply	0

Specification	Specification Name	Bid Requirement (Allowed Values)
	"Number of ECD in the System - inclusive in the scope of Supply	0
	"Number of NPD/FTD in the System - inclusive in the scope of Supply	0
	"Number of FPD in the System - inclusive in the scope of Supply	0
	"Number of PID in the System - inclusive in the scope of Supply	0
	"Number of PFPD in the System - inclusive in the scope of Supply	0
	Number of Inlets GC can Simultaneously Support	2
	Number of Detectors (Ports) GC can Simultaneously Support	1, 2, 3, 4
	Number of Capillary Columns provided in GC - inclusive in the scope of Supply	0, 1, 2
	Type of Capillary Column	Polar, Non-Polar, Semi-Polar, NA
	"GC Capillary Column Length	0, 30, 60, 100
PERFORMANCE	"GC Detector Minimum Detection Level (MDL)	< 1.4 pg C/s for FID, < 1.8 pg C/s for FID, < 3.0 pg C/s for FID < 400 pg/ml for TCD, < = 1 microgram/ml for TCD, < = 10 microgram/ml for TCD, < 4.5 fg /sec for ECD, < 5.5 fg /sec for ECD, < 0.1pg N /sec for NPD/FTD, < 0.03 pg P /sec for NPD/FTD, < 100 fg P /sec for FPD, <2.5 pg S /sec for FPD, <5 pg S /sec for FPD, < 45 fg P /sec for FPD
	GC Detector Linear Dynamic Range ($\pm 10\%$)	> 10e6 or better for (Electron - multiplier) GC-MS-MS detector
COLUMN OVEN (GAS CHROMATOGRAPH - GC)	Maximum Operating Temperature (GC Oven)	upto 450 deg. C Or higher
	Oven cool down time from Max operating temperature to 50 Deg c	3.5, 4 Or lower
	Number of Oven Ramps / Plateaus for Temperature programming	6/7 or more, 9/10 or more, 20/21 or more
PNEUMATIC CONTROL	Number of Injection Ports	2
	Maximum Injection Port heating Temperature	upto 450 deg. C Or higher
	Pressure Range	upto100 psi, upto 140 psi Or higher

Specification	Specification Name	Bid Requirement (Allowed Values)
	Pressure set point Resolution (\pm)(psi)	0.001, 0.01, 0.1 Or lower
	Type of Sample Injection Port	Split, Splitless, split / Splitless, Programmable Temperature Vaporizer (PTV)
	Split Ratio	6000:1, 7000:1, 7500:1, NA
AUTO INJECTOR / AUTO SAMPLER	Compatible Liquid Auto Sampler - inclusive in the scope of supply	Yes
	Capacity of the Liquid Auto Sampler (Number of Vials)	150 Or higher
	Volume of each Vial of the Liquid Auto Sampler	2.0
	Number of Injection Ports in the Liquid Auto Sampler	2
	Number of Channels in the Liquid Auto Sampler	2
	Software to directly operate and control the Auto Injector / Auto Sampler	Yes, Perpetual Licence is inclusive in the Scope of Supply
	"Liquid Auto Sampler Features (Select applicable features Only)"	Fully automated Liquid Auto Sampler, Injects with variable speed & varying syringe sizes, Operates through Software (Software inclusive in the scope of supply), NA
HEAD SPACE SAMPLER	Compatible Head Space Sampler- inclusive in the scope of supply	Yes, No
	Capacity of the Head Space Sampler Carousel (number of Vials)	12 or better, NA
	Head Space Sampler Temperature Range	Upto 200 deg. C or better, NA
PYROLYZER SYSTEM	Compatible Pyrolyzer System for pyrolysis of solid and liquid samples- inclusive in the scope of supply	Yes, No
MASS SPECTROPHOTOMETER (MS-MS) SYSTEM	Ionization modes	Electron Ionization (EI), EI/PCI/NCI
	Detector Type	Triple-Axis
	Operating modes	Full Scan Mode, Selective Ion Monitoring (SIM) Mode, Both Full Scan & SIM Modes, Selective /Multiple Reaction Monitoring (SRM/MRM)
PERFORMANCE OF THE MASS SPECTROPHOTOMETER (MS-MS) SYSTEM	Sensitivity (S/N Ratio) in full scan	300:1, 1500:1 Or higher
	Sensitivity (S/N Ratio) in SRM/MRM	6000:1, 15000:1, 30000:1 Or higher
GENERIC	Power Supply	230 V \pm 10%, 415 V \pm 10%

Specification	Specification Name	Bid Requirement (Allowed Values)
	Built-in Display	Yes, No
	Provision to split the sample from single injection to two different detectors and get results for two detectors simultaneously	Yes, No
	Back Flash - inclusive in the scope of supply	Pre Column Back Flush, Post Column Back Flush, Mid Column Back Flush
SALIENT FEATURES OF GC-MS-MS	"Salient Features of GC-MS (Select applicable features Only)"	Automatic leak testing/detection of Pneumatics, Direct setting of split flow rates and ratios, Flow sensor for control & storage of split ratio, Split and Septum Purge gases, Able to direct inject onto packed and wide-bore capillary columns, Oven power turns-off automatically when the lid/door is opened, Over Heat Protection, Display Unit with built-in Key Board, Controlled by External PC System, Programmable ion source temperature, System includes variety of auto tune algorithms to tune the instrument for maximum sensitivity or for specific target compounds, EI source is inert to active compounds and programmable, EI Source have a dual filament design with automatic selection of other filament if one fails during analysis;, NA, Off-axis detection system for better removal of neutrals, Electron Impact ion source with dual filaments temperature up to 350 °C, Emission current should be able to set up to 300 µA or better, MRM/SRM Transitions should be 800 transitions/sec, Buyer specific columns - DB-fame /equivalent column 60 m x 0.25 mm id x 0.25 micron- 2 nos , DB-1 /equivalent column 60 m x 0.25 mm id x 0.25 micron- 1 nos, Instrument detection limit sensitivity of < 2 fg during installation using 5 fg of OFN with 1 ul injection with Auto sampler
LIBRARIES	Libraries for GC-MS	MRM data base Library, NIST Library for MS - Licensed version - 2017 or latest
SOFTWARE	"Software Features (Select Applicable Features only)"	Compatible with Windows 7 or higher version operating system, Seamless integration & control of all the GC parameters, Interface with Multiple GCs through the comprehensive real-time monitoring and diagnostic software, Real time notification via advisories and indicators, Counters, Chromatographic attributes, Instrument diagnostics, Access to maintenance information, Access to maintenance, run and event logs, Retention Time - Locking module for analyzing target compounds in complex matrices
ACCESSORIES	Gas Supply inclusive in the scope of supply	Nitrogen, Hydrogen, Argon, Helium, Zero Air
	Number of Cylinders of each type supplied - inclusive in the scope of supply	2
	Gas cylinders certified by PESO	Yes, NA for Gas Cylinder not offered

Specification	Specification Name	Bid Requirement (Allowed Values)
	Regulator - inclusive in the scope of supply	Dual Stage Regulator
	"Other Accessories inclusive in the scope of supply (Select only those Accessories which are part of supply)"	Gas purification panel for all Gases with moisture trap, Hydrocarbon trap & Oxygen trap, Syringe for manual injection x 05 nos, Auto Sampler Vials x 1000 vials with screw cap, Graphite ferrules x 10 nos, Vessel ferrules x 10 nos, Septa for injector x 100 nos, Inlet liner for splitless x 4 nos, Inlet liner for split x 4 nos, O-rings x 10 nos. of each type, Column Cutter x 2 nos, Gas tube Cutter x 2 nos, Tool Kit x 1 no., User / Technical / Maintenance Manual, Standard Samples - NIST / IPL Traceable, Direct Injection Port, Splitter, Multishot Pyrolyser, Singleshot Pyrolyser, Syringe for Auto Sampler injection x 10 nos, El filaments x 5 nos, NA
DESKTOP WORKSTATION	Desktop workstation Suitable to GC-MS - inclusive in the scope of supply	Yes
	Graphics Card Memory Size	0, 1, 2, 4
ONLINE UPS	UPS Provided in the Scope of Supply	Yes
	Rating of online UPS(KVA)	10 KVA
	Backup time of online UPS	60.0
	Technology of online UPS	IGBT - PWM with inbuilt isolation transformer
	Total VAH Capacity of the Battery bank - Minimum	16000 VAH for 10 KVA online UPS with 60 minutes backup
INSTALLATION & COMMISSIONING / WARRANTY / AVAILABILITY OF SPARES / TRAINING	Warranty on equipment	1, 2, 3, 5
	Number of days onsite training provided	3, 5, 7, 10
	Number of Year Availability of Spares from the date of installation is assured	10.0
CERTIFICATION / TEST REPORT	Certification	ISO
	"Availability of UL/CE Certificate as per EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use General requirements"	Yes
	Conformance to EMC/EMI as per EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use	Yes

Specification	Specification Name	Bid Requirement (Allowed Values)
	Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification	Yes

Comprehensive Maintenance	
Warranty of required product	2 Year
Comprehensive Maintenance Duration (Post Warranty)	8 Year

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

Additional Specification Parameters - Gas Chromatography - Triple Quadrupole Mass Spectrometry (GC-MS-MS) (1 pieces)

Specification Parameter Name	Bid Requirement (Allowed Values)
SPECIFICATION OF GCMSMS	SPECIFICATION OF GCMSMS

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

Installation Commissioning and Testing (ICT) details for the above item:

% of Product Cost Payable on Product Delivery	70%
Min Cost Allocation for ICT as a % of product cost	30%
Number of days allowed for ICT after site readiness communication to seller	10 Days

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Yama Seshachala Chakradhar	440010,101, Ambazari Rd, Nagpur	1	15

Buyer added Bid Specific Additional Specification - Drawings

S.No.	Document Title	Description	Applicable i.r.o. Items
1	APPROVED TECHNICAL SPECIFICATION OF GCMSMS View	APPROVED TECHNICAL SPECIFICATION SHOULD BE COMPLIED	Gas Chromatography - Triple Quadrupole Mass Spectrometry (GC-MS-MS)(1)

Buyer added Bid Specific Additional Scope of Work

S.No.	Document Title	Description	Applicable i.r.o. Items
1	TERMS AND CONDITION OF CONTRACT View	THE TERMS AND CONDITIONS OF CONTRACT SHOULD BE COMPLIED	Gas Chromatography - Triple Quadrupole Mass Spectrometry (GC-MS-MS)(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

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. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

3. Forms of EMD and PBG

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 PAO, DMI, FARIDABAD 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.

4. Past Project Experience

For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:

- Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
- Execution certificate by client with order value.
- Any other document in support of order execution like Third Party Inspection release note, etc.

5. Past Project Experience

The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

6. **Financial Criteria**

NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement.

7. **Service & Support**

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.

8. **Generic**

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address CENTRAL AGMARK LABORATORY NAGPUR NAGPUR NAGPUR NAGPUR.

9. **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.

10. **Turnover**

OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.

11. **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.

12. **Certificates**

ISO 9001: The bidder or the OEM of the offered products must have ISO 9001 certification.

13. **Certificates**

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.

14. Certificates

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.

15. Certificates

SLBR62

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---