

**बिड दस्तावेज़ / Bid Document**

| बिड विवरण/Bid Details   |   |
|---|---|
| बिड बंद होने की तारीख/समय /Bid End Date/Time  | 24-02-2026 10:00:00   |
| बिड खुलने की तारीख/समय /Bid Opening Date/Time   | 24-02-2026 10:30:00   |
| बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)   | 90 (Days)   |
| मंत्रालय/राज्य का नाम/Ministry/State Name   | Ladakh  |
| विभाग का नाम/Department Name  | Higher Education  |
| संगठन का नाम/Organisation Name  | University Of Ladakh  |
| कार्यालय का नाम/Office Name   | Leh   |
| कुल मात्रा/Total Quantity   | 1   |
| वस्तु श्रेणी /Item Category   | Gas Chromatography - Triple Quadrupole Mass Spectrometry (GC - MS - MS) (Q3)  |
| बिडर का न्यूनतम औसत वार्षिक टर्नओवर (3 वर्षों का) /Minimum Average Annual Turnover of the bidder (For 3 Years)              | 40 Lakh (s)   |
| मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)                                      | 200 Lakh (s)  |
| उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service              | 3 Year (s)  |
| एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover        | No  |
| स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover | No  |
| विक्रेता से मांगे गए दस्तावेज़/Document required from seller  | Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (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 |

| बिड विवरण/Bid Details  |  |
|--|--|
| क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेजों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेन् है/Do you want to show documents uploaded by bidders to all bidders participated in bid? | Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)   |
| बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension  | 3  |
| दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended  | 3  |
| ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count  | 3  |
| विगत प्रदर्शन /Past Performance  | 80 %   |
| बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled   | Yes  |
| रिवर्स नीलामी योग्यता नियम/RA Qualification Rule   | 50% Lowest Priced Technically Qualified Bidders  |
| व्यापक रखरखाव शुल्क आवश्यक / Comprehensive Maintenance Charges Required  | Yes  |
| बिड का प्रकार/Type of Bid  | Two Packet Bid   |
| तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation  | 2 Days   |
| निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)                                     | No   |
| अनुमानित बिड मूल्य /Estimated Bid Value  | 10000000   |
| Payment Timelines  | Payments shall be made to the Seller within <b>45</b> days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC) |
| मूल्यांकन पद्धति/Evaluation Method   | Total value wise evaluation  |
| मध्यस्थता खंड/Arbitration Clause   | No   |
| सुलह खंड/Mediation Clause  | No   |

#### ईएमडी विवरण/EMD Detail

|                             |                     |
|-----------------------------|---------------------|
| एडवाइजरी बैंक/Advisory Bank | State Bank of India |
| ईएमडी राशि/EMD Amount       | 300000              |

## ईपीबीजी विवरण /ePBG Detail

|                   |    |
|-------------------|----|
| आवश्यकता/Required | No |
|-------------------|----|

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने हैं। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/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).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

### लाभार्थी /Beneficiary :

PAO GEM Kargil Campus UoL  
Kargil campus, University of Ladakh,  
(Dr. Mehboob Ali)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

### एमएसई खरीद वरीयता/MSE Purchase Preference

|   |    |
|---|----|
| एमएसई खरीद वरीयता/MSE Purchase Preference | No |
|---|----|

### एमआईआई खरीद वरीयता/MII Purchase Preference

|  |    |
|--|----|
| एमआईआई खरीद वरीयता/MII Purchase Preference | No |
|--|----|

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC 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. 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.

4. 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.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% 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. 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.

6. 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.

**एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :**

Specification\_GCMSMS - [1770915263.xlsx](#)

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

**तकनीकी विशिष्टियाँ /Technical Specifications**

\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification

| <b>विवरण/Specification</b>           | <b>विशिष्टि का नाम /Specification Name</b>                                 | <b>बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)</b> |
|--------------------------------------|--|--|
| GAS CHROMATOGRAPH (GC) CONFIGURATION | <b>GC Detectors inclusive in the scope of supply</b>                       | Flame Ionization Detector (FID)  |
|                                      | <b>"Number of FID in the System - inclusive in the scope of Supply</b>     | 0  |
|                                      | <b>"Number of TCD in the System - inclusive in the scope of Supply</b>     | 0  |
|                                      | <b>"Number of ECD in the System - inclusive in the scope of Supply</b>     | 0  |
|                                      | <b>"Number of NPD/FTD in the System - inclusive in the scope of Supply</b> | 0  |
|                                      | <b>"Number of FPD in the System - inclusive in the scope of Supply</b>     | 0  |
|                                      | <b>"Number of PID in the System - inclusive in the scope of Supply</b>     | 0  |

| विवरण/Specification                  | विशिष्टि का नाम /Specification Name   | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)                       |
|--------------------------------------|---|---|
|                                      | "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                     | 4   |
|                                      | Number of Capillary Columns provided in GC - inclusive in the scope of Supply | 1   |
|                                      | Type of Capillary Column  | Non-Polar   |
|                                      | "GC Capillary Column Length   | 30.0 (meter)  |
|                                      | "GC Capillary Column Internal Diameter  | 0.53 (millimeter)   |
|                                      | "GC Capillary Column Film Thickness   | 0.25 (micrometer)   |
| PERFORMANCE                          | "GC Detector Minimum Detection Level (MDL)                                    | < 1.4 pg C/s for FID  |
|                                      | GC Detector Linear Dynamic Range ( $\pm 10\%$ )                               | $\geq 10^7$ for FID, $> 10^6$ or better for (Electron - multiplier) GC-MS-MS detector |
|                                      | GC Detector Data acquisition rate   | 50 Hz or more   |
| 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 (minute)  |
|                                      | Number of Oven Ramps / Plateaus for Temperature programming                   | 20/21 or more   |
|                                      | Retention time repeatability  | 0.001 (minute)  |
|                                      | Temperature set point resolution ( $\pm$ )                                    | 0.1 (degree Celsius)  |
| PNEUMATIC CONTROL                    | "Type of Inlet Pneumatics   | Electronic Pneumatic Control (EPC)  |
|                                      | Number of Injection Ports   | 2   |
|                                      | Maximum Injection Port heating Temperature                                    | upto 450 deg. C Or higher   |
|                                      | Pressure Range  | upto 140 psi Or higher  |
|                                      | Pressure set point Resolution ( $\pm$ )(psi)                                  | 0.001 Or lower  |

| विवरण/Specification          | विशिष्टि का नाम /Specification Name  | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)  |
|------------------------------|--|--|
|                              | <b>Type of Sample Injection Port</b>   | Split, Splitless, split / Splitless, Programmable Temperature Vaporizer (PTV)  |
|                              | <b>Split Ratio</b>   | 7500:1   |
|                              | Modes of Operation   | Constant flow, Constant Pressure, Programmable Flow, Programmable Pressure   |
| AUTO INJECTOR / AUTO SAMPLER | <b>Compatible Liquid Auto Sampler - inclusive in the scope of supply</b>                                       | Yes  |
|                              | <b>Capacity of the Liquid Auto Sampler (Number of Vials)</b>   | 150 Or higher  |
|                              | Volume of each Vial of the Liquid Auto Sampler   | 2.0 (milliliter)   |
|                              | <b>Number of Injection Ports in the Liquid Auto Sampler</b>  | 2  |
|                              | <b>Number of Channels in the Liquid Auto Sampler</b>   | 2  |
|                              | Operating Voltage of the Liquid Auto Sampler   | 230 V ± 10%  |
|                              | Software to directly operate and control the Auto Injector / Auto Sampler                                      | Yes, Perpetual Licence is inclusive in the Scope of Supply   |
|                              | <b>"Liquid Auto Sampler Features (Select applicable features Only)"</b>  | Fully automated Liquid Auto Sampler, Injects with variable speed & varying syringe sizes, Operates through Software (Software inclusive in the scope of supply)  |
| HEAD SPACE SAMPLER           | <b>Compatible Head Space Sampler- inclusive in the scope of supply</b>   | Yes  |
|                              | <b>Capacity of the Head Space Sampler Carousel (number of Vials)</b>   | 12 or better   |
|                              | <b>Head Space Sampler Temperature Range</b>  | Upto 200 deg. C or better  |
|                              | Software to directly operate and control the Head Space Sampler  | Yes, Perpetual Licence is inclusive in the Scope of Supply   |
|                              | <b>"Head Space Sampler Features (Select applicable features Only)"</b>   | Built-in Sample Shaker, PC Controlled Static Heated Tubing Transfer Line, Operates through Software with single keyboard controls (Software inclusive in the scope of supply);, Headspace with Syringe with XYZ movement Sampler |
| PYROLYZER SYSTEM             | <b>Compatible Pyrolyzer System for pyrolysis of solid and liquid samples- inclusive in the scope of supply</b> | No   |

| विवरण/Specification                                      | विशिष्टि का नाम /Specification Name  | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)  |
|--|--|--|
| MASS SPECTROPHOTOMETER (MS-MS) SYSTEM                    | <b>Ionization modes</b>  | Electron Ionization (EI)   |
|  | <b>Detector Type</b>   | Triple-Axis  |
|  | Mass axis stability  | less than 0.1 amu/24 hours   |
|  | Scan Rate  | upto 20000 amu/sec or better   |
|  | Transfer temperature range   | 100 to 350 deg. C  |
|  | <b>Operating modes</b>   | Full Scan Mode, Selective Ion Monitoring (SIM) Mode, Both Full Scan & SIM Modes, Selective /Multiple Reaction Monitoring (SRM/MRM) |
|  | Pumping System   | Dual stage Turbo Molecular Pump with inert ion source  |
|  | Pump capacity  | 250 Liters/Sec or more   |
| PERFORMANCE OF THE MASS SPECTROPHOTOMETER (MS-MS) SYSTEM | <b>Sensitivity (S/N Ratio) in full scan</b>  | 1500:1 Or higher   |
|  | <b>Sensitivity (S/N Ratio) in SRM/MRM</b>  | 30000:1 Or higher  |
|  | Instrument Detection limit   | 0.3 ( <b>femtogram</b> )   |
|  | Ionization Energy / Electron Energy  | 70 eV or better  |
| GENERIC  | <b>Power Supply</b>  | 230 V ± 10%  |
|  | <b>Built-in Display</b>  | Yes  |
|  | Connectivity interface   | USB, ETHERNET  |
|  | <b>Provision to split the sample from single injection to two different detectors and get results for two detectors simultaneously</b> | No   |
|  | <b>Back Flush - inclusive in the scope of supply</b>   | Pre Column Back Flush, Post Column Back Flush, Mid Column Back Flush   |
| ENVIRONMENTAL  | Minimum Operating Temperature  | 0.0 - 5.0 Or lower ( <b>degree Celsius</b> )   |
|  | Maximum Operating Temperature  | 40.0 - 65.0 Or higher ( <b>degree Celsius</b> )  |
|  | Operating Humidity (RH) (%) at 40 degree C   | 95.0 - 95.0 Or higher ( <b>percent</b> )   |

| विवरण/Specification          | विशिष्टि का नाम /Specification Name  | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)   |
|------------------------------|--|---|
| SALIENT FEATURES OF GC-MS-MS | <b>"Salient Features of GC-MS (Select applicable features Only)"</b>   | Automatic leak testing/detection of Pneumatics, Direct setting of split flow rates and ratios, Split and Septum Purge gases, Oven power turns-off automatically when the lid/door is opened, Over Heat Protection, Controlled by External PC System, EI source is inert to active compounds and programmable, 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 |
| LIBRARIES                    | <b>Libraries for GC-MS</b>   | MRM data base Library, NIST Library for MS - Licensed version - 2017 or latest  |
| SOFTWARE                     | <b>"Software Features (Select Applicable Features only)"</b>   | Compatible with Windows 7 or higher version operating system, Seamless integration & control of all the GC parameters, 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                  | <b>Gas Supply inclusive in the scope of supply</b>   | Nitrogen, Argon, Helium   |
|                              | Capacity of Gas cylinder   | 47 liters water capacity for Nitrogen, Hydrogen, Argon, Helium & Zero Air   |
|                              | <b>Number of Cylinders of each type supplied - inclusive in the scope of supply</b>                                  | 2   |
|                              | <b>Gas cylinders certified by PESO</b>   | Yes   |
|                              | <b>Regulator - inclusive in the scope of supply</b>  | Dual Stage Regulator  |
|                              | <b>"Other Accessories inclusive in the scope of supply (Select only those Accessories which are part of supply)"</b> | Gas purification panel for all Gases with moisture trap, Hydrocarbon trap & Oxygen trap, Auto Sampler Vials x 1000 vials with screw cap, Vessel ferrules x 10 nos, Septa for injector x 100 nos, Inlet liner for splittles x 4 nos, Inlet liner for split x 4 nos, O-rings x 10 nos. of each type, Tool Kit x 1 no., Syringe for Auto Sampler injection x 10 nos  |
| DESKTOP WORKSTATION          | <b>Desktop workstation Suitable to GC-MS - inclusive in the scope of supply</b>                                      | Yes   |
|                              | <b>Graphics Card Memory Size</b>   | 4.0 (gigabyte)  |
| ONLINE UPS                   | <b>UPS Provided in the Scope of Supply</b>   | Yes   |
|                              | <b>Rating of online UPS(KVA)</b>   | 10 KVA  |
|                              | <b>Backup time of online UPS</b>   | 60.0 (minute)   |
|                              | Technology of online UPS   | IGBT - PWM with inbuilt isolation transformer, NA   |

| विवरण/Specification   | विशिष्टि का नाम /Specification Name   | बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values) |
|---|---|---|
| INSTALLATION & COMMISSIONING / WARRANTY / AVAILABILITY OF SPARES / TRAINING | Warranty on equipment   | 3.0 (year)  |
|   | Number of days onsite training provided   | 3.0 (day)   |
|   | Number of Year Availability of Spares from the date of installation is assured  | 7.0 (year)  |
| 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   |
|   | Availability of Test Reports from Central Govt / NABL approved / ILAC accredited Lab to prove conformity to the specification   | No  |

| व्यापक रखरखाव / Comprehensive Maintenance          |         |
|--|---------|
| Warranty of required product                       | 5 Year  |
| Comprehensive Maintenance Duration (Post Warranty) | 10 Year |

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

**परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity**

| क्र.सं./S.N<br>o. | परेषिती/रिपोर्टिंग<br>अधिकारी /Consignee<br>Reporting/Officer | पता/Address                                    | मात्रा /Quantity | डिलीवरी के दिन/Delivery<br>Days |
|-------------------|---|--|------------------|---------------------------------|
| 1                 | Anwar Hussain   | 194105,Kargil Campus,<br>Khumbathang, Saliskot | 1                | 15                              |

## क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/**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 up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

### 2. **Generic**

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

Kargil Campus  
University of Ladakh  
Saliskot Khumbathang  
Kargil  
Ladakh 194105  
.

### 3. **Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the market and has at least 7 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

### 4. **Generic**

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

### 5. **Generic**

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.

### 6. **Generic**

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 for 3 years 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 year. In case of bunch bids, the primary product having highest value should meet this criterion.

### 7. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

### 8. **Generic**

**Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the

bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

**9. Generic**

Scope of supply includes Training: Number of employees to be trained

10

, Place for Training

Kargil Campus University of Ladakh

and Duration of training

1

days.

**10. Generic**

The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price:

As Attached in ATC

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**11. Generic**

1. The Seller shall not assign the Contract in whole or part without obtaining the prior written consent of buyer.
2. The Seller shall not sub-contract the Contract in whole or part to any entity without obtaining the prior written consent of buyer.
3. The Seller shall, notwithstanding the consent and assignment/sub-contract, remain jointly and severally liable and responsible to buyer together with the assignee/ sub-contractor, for and in respect of the due performance of the Contract and the Sellers obligations there under.

**12. Generic**

While generating invoice in GeM portal, the seller must upload scanned copy of GST invoice and the screenshot of GST portal confirming payment of GST.

**13. Generic**

**WORLD BANK TERMS AND CONDITIONS:** Special Terms and Conditions as defined by world bank at [click here](#) will also be applicable. APPLICABLE ONLY IN CASE OF WORLD BANK FUNDED PROJECTS.

**14. Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

**15. 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.

**16. 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.

**17. 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.

## 18. Certificates

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

## 19. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

In addition to the main instrument, the following additional accessories and add-ons must be supplied:

1. Workstations
- 2.. Table (Vibration-free)
3. Gas Generator (Nitrogen, hydrogen, Zero Air)
4. Air Compressor
5. He gas cylinder
6. Consumable as mentioned in the specification document

**Kindly go through the specification document for detailed information. In the event of any discrepancy in the specification, the uploaded specification document shall be considered the final requirement.**

## 20. 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.

## 21. Buyer Added Bid Specific ATC

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

## अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby 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. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for

[attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)

9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

## **Additional Clause For Comprehensive Maintenance Charges**

1.CMC shall include preventive maintenance including calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, after satisfactory completion of Warranty. During the CMC period commencing from date of the successful completion of warranty period, Service personnel shall visit each consignee site as recommended in the manufacturer's technical/ service /operational manual, at least once in six months or as per user requirement. Cost of consumables shall not be included in CMC. Further there will be 98% uptime warranty during CMC period on 24 (hrs) X 7 (days) X 365 (days) basis, with penalty, to extend CMC period by double the downtime period.

2.CMC charges to be indicated as percentage of cost of equipment quoted for each year after the warranty period.

3.GST shall be included in the CMC Charges quoted.

4.Cost of CMC will be added for Ranking/Evaluation purpose with depreciation formula. A 10% discounting rate per year shall be applied on CMC Charges for price evaluation on Net Present Value.

5.The payment of CMC will be made on quarterly basis after satisfactory completion of said period, duly certified by end user.

6.While creating a bid or RA, buyers shall indicate whether CMC is required against Yes/No" options. If CMC Charges are included, an option for number of years for CMC required after the warranty period shall be available. Under this option up to 10 years can be chosen for CMC charges beyond warranty period.

7.In case the bid has a provision for CMC, the warranty of the product will also be deemed to have been converted into Comprehensive warranty including preventive maintenance and calibration as per technical/ service /operational manual of the manufacturer, service charges and spares, during the Warranty Period also. Sellers are therefore advised to include the cost of Comprehensive Warranty including spares (excluding consumables) also in product Cost.

8.The CMC functionality shall be available in bid only and no direct RA shall be applicable. In case of bid to R/A decrement rules shall be applicable on total price inclusive of CMC charges. Bunching of products shall not be available while creating bids with CMC charges.

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

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

CMC charges for 2nd year after warranty period- Percentage to be indicated- A2  
CMC charges for 3rd year after warranty period - Percentage to be indicated- A3  
CMC charges for 4th year after warranty period - Percentage to be indicated- A4  
CMC charges for 5th year after warranty period - Percentage to be indicated- A5

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

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

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

(i) Number of years for which CMC required.

(ii) Number of years of product warranty

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

Total Cost for evaluation=

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

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

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

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

8.5.The CMC charges shall be offered within range of 3 to 25% 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 10% 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.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/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.

**---धन्यवाद/Thank You---**