



Bid Number/बोली क्रमांक (बिड संख्या):  
GEM/2024/B/5560305  
Dated/दिनांक : 29-10-2024

### Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	09-11-2024 18:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	09-11-2024 18:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Odisha
Department Name/विभाग का नाम	Home Department Odisha
Organisation Name/संगठन का नाम	Odisha Police
Office Name/कार्यालय का नाम	State Police Headquarters
Total Quantity/कुल मात्रा	1
Item Category/मद केटेगरी	Automated HPLC System for Separation of complex mixtures (Q3)
OEM Average Turnover (Last 3 Years)/मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)	540 Lakh (s)
Years of Past Experience Required for same/similar service/उन्हीं/समान सेवाओं के लिए अपेक्षित विगत अनुभव के वर्ष	1 Year (s)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	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) *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
Do you want to show documents uploaded by bidders to all bidders participated in bid?/	Yes

<b>Bid Details/बिड विवरण</b>	
<b>Past Performance/विगत प्रदर्शन</b>	10 %
<b>Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया</b>	Yes
<b>RA Qualification Rule</b>	H1-Highest Priced Bid Elimination
<b>Type of Bid/बिड का प्रकार</b>	Two Packet Bid
<b>Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय</b>	5 Days
<b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
<b>Evaluation Method/मूल्यांकन पद्धति</b>	Total value wise evaluation
<b>Arbitration Clause</b>	No
<b>Mediation Clause</b>	No

#### **EMD Detail/ईएमडी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	270000

#### **ePBG Detail/ईपीबीजी विवरण**

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	5.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	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./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने हैं। एमएसई कैटेगरी 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।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

#### **Beneficiary/लाभार्थी :**

AIG of Police (Provisioning)  
State Police Headquarters, Home Department Odisha, Odisha Police , Cuttack.  
(Bamadev Singh)

#### **MSE Purchase Preference/एमएसई खरीद वरीयता**

MSE Purchase Preference/एमएसई खरीद वरीयता	No
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**MII Purchase Preference/एमआईआई खरीद वरीयता**

MII Purchase Preference/एमआईआई खरीद वरीयता	No
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1. 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 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.
2. 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.
3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.
4. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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.
5. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:
  - i. If number of technically qualified bidders are only 2 or 3.
  - ii. If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
  - iii. In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
  - iv. If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
  - v. If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

**Pre Bid Detail(s)**

Pre-Bid Date and Time	Pre-Bid Venue
30-10-2024 17:00:00	The Prospective bidders are requested to submit their queries relating to the tender/bid of the AI through Mail ID – dirsfl.orpol@nic.in by 05.11.2024 by 05.00 PM. The queries will not be considered after stipulated period. In this connection a pre-bid technical committee will be held in virtual mode and the link will be sent through mail for the meeting. The pre-bid date is tentatively nature and subjected to postponement which be duly informed through mail

**Automated HPLC System For Separation Of Complex Mixtures ( 1 pieces )**

**Technical Specifications/तकनीकी विशिष्टियाँ**

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

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Standard parameter	<b>Instrument calibration standards</b>	IEC 17025
Quaternary Gradient Solvent Delivery Unit with Degassing Unit	<b>Components of unit</b>	Quaternary Low Pressure Gradient pump & Serial Double Plunger
	<b>Number of solvents delivery</b>	4
	<b>Flow rate setting range in ml/min</b>	0.001 to 10
	<b>Flow rate accuracy</b>	± 1 %, ± 0.1%
UV-Vis Detector	<b>UV-Vis Detector provided</b>	Yes Or higher
	<b>Light source</b>	Deuterium lamp
	<b>Spectrum Band width in nm</b>	4, 5, 6, 8, NA if not provided
	<b>Wavelength range in nm</b>	190 - 700, NA if not provided
	<b>Sampling Rate in Hz</b>	80, 90, 100, NA if not provided
	<b>The flow cell must be temperature Controlled</b>	Yes, NA if not provided
	<b>Wavelength accuracy in nm</b>	± 1
	<b>Wavelength reproducibility in nm</b>	± 0.1, NA if not provided
	<b>Drift in AU/Hour</b>	less than 1 x 10 <sup>-4</sup>
	<b>Noise level in AU</b>	± 2.5 x 10 <sup>-6</sup>
	<b>Ability to monitor and quantitative 2 wavelengths simultaneously</b>	Yes, NA if not provided
	<b>Linearity in AU</b>	2.5 or more, NA if not provided
	<b>Temperature control provided for Flow cell</b>	Yes, NA if not provided
	<b>Temperature control range for flow cell in Degree Celsius</b>	5 degree above room temp to 50 degree, NA if not provided
	<b>flow cell path length in mm</b>	10, NA if not provided
<b>Flow cell volume in ?l</b>	10 - 15, NA if not provided, 16 - 20	
Auto Sample Injector with cooler	<b>Injection Method</b>	Total volume sample injection
	<b>Carry over of sample</b>	0.005% or lower
	<b>Injection precision in RSD</b>	less than 0.20 % RSD, less than 0.50 % RSD
Software	<b>Operating Windows</b>	Win 10 or latest

Specification	Specification Name/विशिष्टि का नाम	Bid Requirement/बिड के लिए आवश्यक (Allowed Values)/अनुमत मूल्य
Photo Diode Array (PDA) Detector	<b>Provision of Photo diode array</b>	Yes Or higher
	<b>PDA detector Wavelength range in nm</b>	190- 800 or better
	<b>Number of Diodes</b>	512, 1024, NA if not provided
	<b>PDA detector light source</b>	Deuterium lamp and Tungsten lamp
	<b>PDA detector Wavelength accuracy in nm</b>	± 1
	<b>Data Rate in Hz</b>	100, <100
	<b>Noise in AU</b>	less than ± 1 x 10-5 or lower
	<b>PDA detector Drift in AU/Hour</b>	less than 1 x 10-3
	<b>Temperature controlled flow cell in C</b>	5 degree above room temp to 50 degree, NA if not provided
	<b>Flow cell</b>	Flow cell
Warranty & Reports	<b>Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)</b>	2, 3, 4, 5, 1 Or higher
	<b>Number of installations in Central /State/PSU Govt Hospitals</b>	0, <3, >3
	<b>Availability of toll free facility for technical support maintained by OEM or authorized agencies</b>	Yes Or higher

**Additional Specification Parameters - Automated HPLC System For Separation Of Complex Mixtures ( 1 pieces )**

Specification Parameter Name	Bid Requirement (Allowed Values)
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	5 years

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

Consignees/Reporting Officer/परेषिती/रिपोटिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोटिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	Shyamamani Sahu	751010,Rasulgarh, Bhubaneswar	1	30

**Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें**

1. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

**Name of the Equipment :Ultra High Performance Liquid Chromatography with PDA Detector (UHPLC-PDA)**

**(Technical Specification)**

Sl. No.	Parameters	Descriptions
1.	Gem Category	Automated HPLC System for Separation of complex mixtures (Q3 Category)
2.	Injection Method	Total volume sample injection
3.	Sampling Rate in Hz	100
4.	Linearity in AU	2.5 or more
5.	Components of unit	Quaternary Low Pressure Gradient pump & Serial Double Plunger
6.	Number of solvents delivery	4
7.	Flow rate setting range in ml::Min	0.001 to 10
8.	Spectrum Band width in nm	8
9.	Flow rate accuracy	± 0.1% / ± 1 %
10.	Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes

11.	The flow cell must be temperature Controlled	Yes
12.	Temperature control provided for Flow cell	Yes
13.	Temperature control range for flow cell in Degree Celsius	5 degree above room temp to 50 degree
14.	Carryover of sample	0.005% or lower
15.	Operating Windows	10 or above
16.	UV-Vis Detector provided	Yes
17.	Light source	Deuterium lamp
18.	Wavelength range in nm	190-700
19.	Wavelength reproducibility in nm	$\pm 0.1$
20.	Wavelength accuracy in nm	$\pm 1$
21.	Drift in AU::Hour	less than $1 \times 10^{-4}$
22.	Noise level in AU	$\pm 2.5 \times 10^{-6}$
23.	Ability to monitor and quantitative 2 wavelengths simultaneously	Yes
24.	Flow cell volume in $\mu\text{l}$	10 - 15
25.	Provision of Photo diode array	Yes
26.	PDA detector Wavelength range in nm	190- 800 or better
27.	Number of Diodes	512 / 1024
28.	PDA detector light source	Deuterium lamp and Tungsten lamp
29.	PDA detector Wavelength accuracy in nm	$\pm 1$
30.	Data Rate in Hz	100
31.	Noise in AU	less than $\pm 1 \times 10^{-5}$ or lower
32.	PDA detector Drift in AU::Hour	less than $1 \times 10^{-3}$
33.	Temperature controlled flow cell in C	Yes

34.	Flow cell	Flow cell
35.	Injection precision in RSD	less than 0.20 % RSD
36.	Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	05
37.	Type of column oven	forced-air-circulation type

**Additional Parameters / corrigendum for Ultra High Performance Liquid Chromatography with PDA Detector**

Sl. No.	Specifications	Value
1.	Maximum Pressure in psi	15000 or higher
2.	Temperature control range in °C	-10 to 85
3.	Type of column oven	forced-air circulation type
4.	Number of installations in Central / State/PSU Govt. Hospitals	Minimum 3
5.	QUATERNARY SOLVENT DELIVERY SYSTEM	<ul style="list-style-type: none"> <li>i. The pump must be a Quaternary pump designed for High performance liquid chromatography, designed to blend 4 (Four) solvents simultaneously in any proportion or concentration.</li> <li>ii. The pump shall have an integrated degasser, which operates up to the maximum flow rate, with an independent channel for each solvent. The degasser shall support an additional channel for the sample manager.</li> <li>iii. The pump must have primary and secondary (accumulator) fluidic paths that are made of biocompatible materials. It must be b</li> </ul>



uilt to overcome interactions of analytes with metals and metal surfaces, by providing the robustness capabilities to support the benefits of sub-2 $\mu$ m particles, with a surface that mimics the desirable capabilities of PE EK.

- iv. The pump shall have an optional and integrated solvent select valve on one solvent line adding additional six (6) solvents (for a total of nine (9) solvents).
- v. The Operating Pressure of the pump must be a minimum 15,000 PSI (pounds per square inch) or higher with user selectable upper and lower pressure limits within the selectable range of the flow rate.
- vi. System Delay Volume: Should be less than 400 microlitre, independent of system backpressure along with Gradient Delay Volume of Less Than 300 microlitre. The Total Bandspread should be less than 12 microlitre.
- vii. Facility for Automated Solvent Blending, on-line pH, ionic strength & organic modifier blending from solvents must be present so as to attain a perfect pH without human intervention. The pump shall have a means within the method for the on-line blending of eluents to a specific pH based on experimental pH calibration files that are created by the user.
- viii. The pump shall have integrated, automated active pump intake valves for robust reliable performance and reliable priming.
- ix. The pump compositional precision must be  $<0.15\%$  RSD. The pump must support an Automatic Prime feature, to automatically prime the solvent lines of the optional solvent selection valve whenever a new line is selected.
- x. Flow rate: Should be 0.010 to 2.000 mL/min, in 0.001 mL increments, in 1 $\mu$ L/min increments. The pump flow accuracy must be less than or equal to  $\pm 1.0\%$  and the pump flow precision must be less than or equal to 0.075% RSD. The pump contribution to delay volume shall be  $<7 \mu$ L filter and  $<60 \mu$ L with the default mixer configured.
- xi. The pump must have Automatic and Continuous Compressibility Compensation of Solvents without any user intervention.
- xii. The pump must be able to deliver Gradient

nts or any equivalent technology.

- xiii. The pump must have features such as automatic variable stroke, user settable back pressure limit, means to match system dwell volumes by adding a delay either before or after the injection occurs.
- xiv. Flow path must be able to tolerate solvent pH from 2-12.
- xv. The UPLC system software must support fully integrated Console diagnostics i.e., 96 hours of diagnostic data is preserved. The System must have the ability to store up to maximum diagnostic data channels, for a total of 96 hours, including piston pressures, system pressure, sample manager pressures, temperature (including ambient temperature), lamp hours. The diagnostic data must be collected when the instrument is powered up, regardless of the number of runs or the run time set. The UPLC system software including the detector must provide full maintenance information such as counters for total lamp hour usage, number of ignitions, solvent usage, number of injections and other diagnostic counters. The UPLC system software must allow the user to access all diagnostic functions through a graphical interface.

6.	Automated Injector/Sampler	<ul style="list-style-type: none"> <li>i. The Auto sampler should operate at pressures in the range 18,000 psi or better</li> <li>ii. The linearity of the auto sampler must be <math>r &gt; 0.9999</math> (caffeine in water).or better</li> <li>iii. The auto sampler must offer automated recognition of the type of sample rack</li> <li>iv. Should have a pH range 1.0 — 12 or more.</li> <li>v. The injection principle of the auto sampler must be in-line split-loop (also called flow through needle) for high reproducibility injections with no sample loss.</li> <li>vi. The auto sampler must support system wellness counters for monitoring operating hours, total injections, needle counter, metering device, needle seat, injection valve.</li> <li>vii. The auto sampler must offer safety features, including leak sensor, automatic sample rack recognition, empty segment detection, and internal monitoring of all mechanical operations.</li> <li>viii. The auto sampler must allow customization of velocities for drawing and dispensing of sample to compensate for sample viscosity.</li> <li>ix. The auto sampler must support a sample capacity of minimum 100 numbers for 1.5ml/2ml Vials or more</li> <li>x. The injection range of the auto sampler is 0.1-50<math>\mu</math>L</li> <li>xi. The injection volume precision of the auto sampler <math>&lt; 0.25\%</math> RSD or better(caffeine in water),</li> <li>xii. The carryover of the auto sampler must be <math>\leq 0.004\%</math> or better with caffeine or better The auto sampler must support injection cycle times down to 18 s or lower</li> </ul>
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7.	PDA Detector	<ul style="list-style-type: none"> <li>i. Source : D2 lamp/Tungsten or equivalent</li> <li>ii. Wavelength range of: 190-600 nm or higher.</li> <li>iii. Flow Cell : 10mm low dispersion flow cell.</li> <li>iv. Lamp temperature control facility should be available for better sensitivity &amp; accuracy with Lamp Optimization.</li> <li>v. Optical Bandwidth: 1nm or better</li> <li>vi. Number of Diodes: 1024 or higher for better spectral resolution.</li> <li>vii. Data Acquisition : 120 Hz or better</li> <li>viii. The detector should be capable to simultaneously acquire up to 8 channels of single-wavelength data along with 3D data.</li> <li>ix. The detector must be designed with a temperature-controlled optical bench.</li> <li>x. The detector must operate with a settable optical slit.</li> <li>xi. Lamps and flow cells must be easily exchangeable from the front of the detector without the need for tools.</li> <li>xii. Identification chips monitor changes to flow cell and lamps automatically. Key lifespan</li> <li>xiii. Parameters are automatically logged.</li> <li>xiv. Software tools must allow immediate online review of 3D data and software-supported diagnostic functions.</li> <li>xv. Lamp should have temperature control and life time monitoring facility.</li> <li>xvi. Detector Performance/sensitivity must remain same in the defined wavelength range throughout the lifetime of the lamp.</li> </ul>
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8.	FLUORESCENCE DETECTOR	<ul style="list-style-type: none"> <li>i. The fluorescence detector must have standard analytical flow cell with a volume of not more than 8 <math>\mu\text{L}</math> for optimal peak dispersion of UPLC separations.</li> <li>ii. The fluorescence detector must have a wavelength range of 200 to 890 nm for the excitation wavelength and 210 to 900 nm for the emission wavelength.</li> <li>iii. The fluorescence detector must have an optical bandwidth of 20 nm.</li> <li>iv. The fluorescence detector must have a wavelength accuracy less than <math>\pm 3</math> nm.</li> <li>v. The fluorescence detector must have a wavelength repeatability of less than <math>\pm 0.25</math> nm.</li> <li>vi. The fluorescence detector must have a Hg/Xe lamp as a higher energy source.</li> <li>vii. The fluorescence detector must be able to collect 2D data, 3D data and <math>\text{ex}\lambda\text{-em}\lambda</math> plots.</li> <li>viii. The fluorescence detector must be able to collect up to 4 2D data channels simultaneously with unique ex/em pairs.</li> <li>ix. The fluorescence detector must have a sensitivity measured with the Raman s/n of water greater than 500 with the noise measured at the signal (without using a dark signal as the noise reference).</li> <li>x. The fluorescent detector must have biocompatible and inert flow path and cell.</li> </ul>
9.	Column oven:	<ul style="list-style-type: none"> <li>i. Column compartment temperature range : 5-100 <math>^{\circ}\text{C}</math> in 0.1 <math>^{\circ}\text{C}</math> Increments or better</li> <li>ii. Column number: minimum 8 number or higher for automated method scouting</li> <li>iii. Column oven heating method: Peltier heating or Forced air circulation for uniform heating.</li> <li>iv. Temperature Accuracy 0.5 <math>^{\circ}\text{C}</math> or better</li> <li>v. Temperature precision <math>\pm 0.05</math> <math>^{\circ}\text{C}</math> or better</li> </ul>

10.	Software and data collection	<ul style="list-style-type: none"> <li>i. Graphical and user-friendly design of the software.</li> <li>ii. It should be GLP/GMP &amp; 21 CFR part 11 compliant ready having minimum Five (5) named user's license.</li> <li>iii. Software capable of efficiently managing auto sampler, pump and detector.</li> <li>iv. Strictly validated/original licensed copy of the software.</li> <li>v. Software should have integrated relational data base</li> <li>vi. Software should have automatic built-in diagnostic facilities, programmability to run experiments and data processing including routine qualitative &amp; quantitative analysis.</li> </ul>
11.	Accessories	<ul style="list-style-type: none"> <li>i. C18 and C8 column with Guard column</li> <li>ii. Solvent and Sample preparation unit - 01 set</li> <li>iii. column ID tags</li> <li>iv. Dedicated column for all NDPS substances, Explosive, Phenyl group, Cyno (Cn-) group, Silica, Soil, Water, Salt water, Polymer, Glue, Paint compulsory of each-02 nos.</li> <li>v. Guard column - extra 4 nos. for each column</li> <li>vi. All accessories with at least one extra set must be provided by the OEM/ Supplier to analysis of the above sample.</li> </ul>
12.	Room Renovations (If required)	<ul style="list-style-type: none"> <li>i. All the civil work / electrical earthing and electrifications are in the scope of the OEM/ Bidder / Supplier.</li> <li>ii. All the accessories must be supplied by the OEM / Bidder / Supplier at the time of installation.</li> <li>iii. The offered system should be complete and all essential cables, interfaces and other parts should be supplied with the system.</li> </ul>

13.	UPS for Ultra High Performance Liquid Chromatography with PDA Detector system	<ul style="list-style-type: none"> <li>i. 3 KVA or more Online UPS suitable for the "Ultra High Performance Liquid Chromatography with PDA Detector system" must be of a reputed manufacturer.</li> <li>ii. UPS from reputed manufacturer for uninterrupted (real-time) power supply with a backup time of minimum 30 minutes for P.C. UPS must come with in-built isolation transformer maintenance free batteries.</li> <li>iii. UPS must come with three years or more warranty and 5 years or more warranty on batteries from the date of installation.</li> </ul>
iv.	PCs, UPS, Printer and software	Integrated Computer system with minimum 5 years onsite warranty and must be following minimum configuration. A standalone PC should be there for system control with 12th Gen Intel® Core™ i7-12700 (25 MB cache, 12 cores, 20 threads, 2.10 GHz to 4.90 GHz Turbo, 65 W), Windows 11 Pro, English, 32 GB, 2 x 16 GB, DDR5, 1 TB, M.2 2280, PCIe NVMe, SSD, Class 40, , 92% Efficient, 80 Plus Platinum, V2, Monitor size 29" or more and latest laser B/W duplex Colour Printer for printing of reports / results along with 3 sets of additional printing cartridges. 500 W internal power supply unit (PSU).
v.	Warranty	5 years from the date of installation for all parts including CMC for Ultra High Performance Liquid Chromatography with PDA Detector System.
vi.	INSTALLATION AND TRAINING	<ul style="list-style-type: none"> <li>i. IQ, OQ &amp; PQ should be done at the place of install by the Bidder / Supplier / OEM.</li> <li>ii. The UHPLC-PDA system should be supplied in prescribed time period, installed by trained technical person, demonstrated and operational training to be imparted to Scientists and technical officers (minimum 5 or more persons) at State F.S.L. Bhubaneswar Chemistry laboratory till satisfactory.</li> <li>iii. Calibration certificates, Warranty certificates and installation certificate, as applicable, shall be provided along with the supply of the item.</li> <li>iv. Two sets of hard copies of the manuals with circuit diagrams and descriptions along with soft copy shall be supplied along with the Ultra High Performance Liquid Chromatography with PDA Detector System.</li> </ul>
vii.	GENERAL TERM & CONDITIONS	<ul style="list-style-type: none"> <li>i. The above equipment has to be supplied along with its all accessories, installed, and commissioned for functional and performance.</li> </ul>

ON

- ormance testing at SFSL BHUBANESWAR Laboratory.
- ii. The offered system should be complete and all essential cables, interfaces and other parts should be supplied with the system.
  - iii. System support non-destructive methodology for forensic document examination.
  - iv. Life Span certificate must be provided by the OEM.
  - v. Equipment should be supplied with suitable calibration material as per ASTM standards.
  - vi. Offer must clearly specify list of standard accessories supplied with the main Instrument.
  - vii. Maintenance to be performed by a OEM service engineer, or trained technical person.
  - viii. Supplier must support annual maintenance of the instrument after expiry of the warranty of the instrument.
  - ix. Must provide PBG (performance bank guarantee) for 3 years.
  - x. In case of instrument breakdown OEM / supplier / bidder must supply all the consumables and accessories of the instrument free of cost for 5 years if required without any conditions.
  - xi. OEM / Supplier / Bidder must check and rectify the power supply like earthing and supply current before installation of the entire equipment.
  - xii. All the Quoted technical specification should be available on manufactures website/catalogue to judge the authenticity of technical specification. Separate sheet will not accept.
  - xiii. 10 years assurance for providing spares and other requirement for running the supplied model of **Ultra High Performance Liquid Chromatography with PDA Detector System** in State F.S.L. Bhubaneswar.
  - xiv. Comprehensive warranty (on-site) and maintenance (with factory trained engineer) for minimum 5 year for all parts including labour with co-maintenance and service and free shipping on all warranty items and also for regular up gradati



		on to all software during the entire warranty period from the date of installation.
	xv.	Supplier / Bidder should have produce the past performance certificate of the similar item from reputed laboratory / Forensic laboratories / Govt. organization.
	xvi.	Response time to attend any fault of this warranty shall 48 - 72 hrs.

1. Bidder Annual Turnover for last three years should not be less than 270 Lakhs.

2. Bidder are requested to submit ITR of Last 3 Years.

3. This bid is governed by OGFR-2023 and GFR regulations. Bidders will be liable for punitive measures, including potential debarment, outlined in OGFR and GFR for any violations or failure to comply with GFR / OGFR as well as bid terms and conditions.

4. The bidders are requested to submit EMD / e-BG as per bid requirement in term of electronics Bank Guarantee quoting Unique Identification Number (UIN) " NCO GD2383P" with NeSL while applying eBG from their respective Banks.

**Manufacturer's Authorization Form (MAF)  
(To be submitted on OEM Letterhead)**

Ref. No. \_\_\_\_\_ Dated \_\_\_\_\_

To

The A.I.G. of Police (Provisioning),

Odisha, Cuttack. Dear Sir,

Tender Reference No./ NIT /GeM Bid No. : \_\_\_\_\_

Name of the item:

We M/s. \_\_\_\_\_ who are established and reputable manufacturers of \_\_\_\_\_ do here by authorize M/s. \_\_\_\_\_ (Name and address of Agent / Dealer) to participate in the above tender.

We hereby extend our technical assistance to the bidder during installation and inspection of the product.

We hereby certify that, the Equipments being sold would not be declared End of Support (EoS) or become obsolete in the next 5 years. Also, we certify that the products being sold would be covered under Warranty / Support and OEM support will be available for \_\_\_ years (as specified in the GeM Bid / Tender / NIT No.) from the date of installation, even in the case, the bidder becomes "Out of service".

We have studied the requirements of the product and confirm that we will adhere to the specifications of the tender and quality plan and extend all support during the inspection and provide documentary evidence at the time of inspection for the verification by Client/Client's representative. Yours faithfully (Name) For and on behalf of M/s. \_\_\_\_\_  
\_\_\_\_\_ (Name of manufacture)

2. **Buyer Added Bid Specific ATC**

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

3. **Inspection**

**Nominated Inspection Agency:** On behalf of the Buyer organization, any one of the following Inspection Agency would be conducting inspection of stores before acceptance:  
Pre-dispatch Inspection at Seller Premises (applicable only if pre-dispatch inspection clause has been selected in ATC):

No

Post Receipt Inspection at consignee site before acceptance of stores:

Yes

4. **Forms of EMD and PBG**

Bidders can also submit the EMD with Fixed Deposit Receipt made out or pledged in the name of A/C (Name of the Buyer). 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 the favour of the 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

5. **Warranty**

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.

6. **OEM**

**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.

7. **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.

8. **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.

## 9. 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)

## 10. 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

AIG of Police (Provisioning) Odisha, Cuttack

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.

## 11. 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.

## Disclaimer/अस्वीकरण

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.

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.

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

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./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।

**---Thank You/धन्यवाद---**