



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान पुणे

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

IISER/PUR/2027/23

PREBID CLARIFICATION ON GeM TENDER NUMBER - GEM/2023/B/5618864

आइटम विवरण की खरीद के लिए संस्थान की वेबसाइट www.iiserpune.ac.in और GeM पोर्टल पर 18/12/2024 को प्रकाशित एक वैश्विक निविदा देखें - अल्ट्रा-हाई-परफॉर्मेंस लिक्विड क्रोमैटोग्राफ की खरीद - इलेक्ट्रोस्प्रे आयनीकरण - क्वाड्रुपोल- (यूपीएलसी-ईएसआई-क्यू एमएस)- अंश संग्राहक प्रणाली।

Item Description - Procurement of Ultra-High-Performance Liquid Chromatograph- Electrospray ionization-Quadrupole- (UPLC-ESI-Q MS)- fraction collector system.

अल्ट्रा-हाई-परफॉर्मेंस लिक्विड क्रोमैटोग्राफ- इलेक्ट्रोस्प्रे आयनीकरण- क्वाड्रुपोल- (UPLC-ESI-Q) की खरीद के लिए संस्थान की वेबसाइट www.iiserpune.ac.in और GeM पोर्टल पर 18/12/2024 को प्रकाशित वैश्विक निविदा देखें। एमएस)- अंश संग्राहक प्रणाली।

Refer to an Global tender published on the Institute website www.iiserpune.ac.in and on the GeM Portal on 18/12/2024 for procurement of Ultra-High-Performance Liquid Chromatograph- Electrospray ionization-Quadrupole- (UPLC-ESI-Q MS)- fraction collector system.

प्री-बिड मीटिंग 01/01/2025 को शाम 3.00 बजे आयोजित की गई और बैठक का कार्यवृत्त निम्नानुसार है:

Pre-Bid meeting was held on 01/01/2025 at 3.00 PM and minutes of meeting is as under:

प्रारंभ में, समिति ने सभी सदस्यों और संभावित बोलीदाताओं के प्रतिनिधियों का स्वागत किया और सामान्य तौर पर निविदा के दायरे की जानकारी दी और उसके बाद सहायक कुलसचिव (भांडार एवं क्रय) से बोली लगाने वालों को निविदा की मुख्य विशेषताओं के बारे में जानकारी देने का अनुरोध किया।

At the outset, the committee welcomed all the Members and the representative of the Prospective Bidders and briefed in general the scope of the tender and thereafter requested Assistant Registrar (S&P) to brief the bidders on the salient features of the tender.

उपस्थित प्रतिनिधि दिए गए उत्तरों से संतुष्ट थे और यह सूचित किया गया था कि प्री / बिड कॉन्फ्रेंस के दौरान की गई चर्चा के अनुसार दिए गए सुधार-स्पष्टीकरण को / परिवर्धन IISER पुणे की वेबसाइट पर होस्ट किया जाएगा और सभी संभावित बोलीदाताओं को बोली दस्तावेजों में निर्धारित अनुसार अपनी बोली जमा करने से पहले प्री-बिड सम्मेलन की कार्यवाही का संज्ञान लेना आवश्यक है।

The representatives present were satisfied with the replies given and it was informed that the corrections / additions / clarifications given, as discussed during the Pre-Bid Conference would be hosted on the website of IISER Pune and all the Prospective Bidders are required to take cognizance of the proceedings of the Pre-Bid Conference before submitting their bids as stipulated in the Bidding Documents.

हमारी आईआईएसईआर वेबसाइट www.iiserpune.ac.in और GeM portal पर जारी नोटिस के अन्य नियम और शर्तें अपरिवर्तित रहेंगी। इस संबंध में और कोई पत्राचार नहीं किया जाएगा।

The other terms & conditions of the notice issued on our IISER website www.iiserpune.ac.in and GeM portal will remain unchanged. No more correspondence in this regard will be entertained.

बैठक अध्यक्ष के धन्यवाद प्रस्ताव के साथ समाप्त हुई।

The meeting ended with vote of thanks to the Chair.

Sd/-

13/01/2025

सहायक कुलसचिव (भांडारण एवं क्रय)
Assistant Registrar (S&P)

TECHNICAL AND COMMERCIAL QUERIES AND CLARIFICATION**PRE-BID CONFERENCE FOR PROCUREMENT OF ULTRA-HIGH-PERFORMANCE LIQUID CHROMATOGRAPH-ELECTROSPRAYIONIZATION- QUADRUPOLE- (UPLC-ESI-Q MS)- FRACTION COLLECTOR SYSTEM**

	Query/Clarification Sought		Clarification / Amendment
Component	Tendered specification	Requested amendment	
Conditions	3. The quoted UPLC-ESI-QMS model should have at least five installations (until the date of bid submission) in government institutes/ universities in India. The vendor should support its claims with the purchase orders or testimonials from respective institutes.	3. The quoted UPLC-ESI-Q MS model should have at least five installations (until the date of bid submission) in government institutes/ universities in India. The vendor should support its claims with the purchase orders or testimonials from respective institutes. Participating vendors should have been able to publish research articles/papers aligning to research lab to prove their products, successfully used and tested.	3. The quoted UPLC-ESI-Q MS model should have at least five installations (until the date of bid submission) in government institutes/ universities in India. The vendor should support its claims with the purchase orders or testimonials from respective institutes. The quoted model must be suitable for the high-end international research on plant and soil metabolomics; vendors must provide documentary evidence that their quoted model has been significantly used in the high-end international research on plant and soil targeted and nontargeted metabolomics.
Column oven	Electronic heating	Electronic active heating	Electronic or equivalent heating mechanism
Mass Spectrometer	Polarity switching: Positive and negative mode spectral acquisition should be possible in a single run.	Polarity switching: Positive and negative mode spectral acquisition should be possible in a single run with switching time should be 30 ms or less	Polarity switching: Positive and negative mode spectral acquisition should be possible in a single run with switching time ≥ 30 milliseconds.
	Mass accuracy: ± 0.01 Da.	Mass accuracy: ± 0.2 Da.	Tender specification prevails

	Quadrupole mass range: 10– 2000 m/z or better	Quadrupole mass range: 30– 1500 m/z or better.	Tender specification prevails
		Quadrupole mass range: 10– 3000 m/z or better	
Pump	Operating pressure should be up to 18000 psi (1200 bar)	Operating pressure should be up to 15000 psi (1000 bar) or more	Tender specification prevails
Autosampler	Operating pressure range should be 18000 psi or better.	Operating pressure range should be 15000 psi (1000 bar) or more	Tender specification prevails
Fraction Collector	Maximum Collection Volume: 20 ml in a single tube.	Maximum Collection Volume: 10 ml in a single tube.	Tender specification prevails
	Collector tray should be able to fit 2 ml autosampler vials, 4ml tubes and 20 ml tubes.	Collector tray should be able to fit 2 ml autosampler vials, 4ml tubes and 10 ml tubes.	Tender specification prevails
	Must be able to operate at UPLC-compatible flow rates as low as 0.2 ml/min or better. It must efficiently split of the column-eluted peaks or eluent sections and show efficient quadrupole mass detection and quantification and sufficient fraction volume collection.	Must be able to operate at UPLC-compatible flow rates as low as 0.2 ml/min or better (depending on the recommended flowrates of the installed tubing kit). It must efficiently split of the column-eluted peaks or eluent sections and show efficient quadrupole mass detection and quantification and sufficient fraction volume collection.	Must be able to operate at UPLC-compatible flow rates as low as 0.2 ml/min or better (depending on the recommended flowrates of the installed tubing kit). It must efficiently split of the column-eluted peaks or eluent sections and show efficient quadrupole mass detection and quantification and sufficient fraction volume collection.
Software	Software for non-targeted plant and soil metabolomics applications as well as other related and relevant applications mentioned, that	Omit this point	Tender specification prevails

	can perform both qualitative and quantitative analyses with statistical tests, should be provided.		
	The software must include structure and metabolic pathway prediction tools.	Omit this point	Tender specification prevails