

भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
INDIAN INSTITUTE OF TROPICAL METEOROLOGY
 (पृथ्वी विज्ञान मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)
 (An autonomous Institute under the Ministry of Earth Sciences, Govt. of India)
 पाषाण, पुणे - 411 008
 PASHAN, PUNE - 411008

वैश्विक निविदा सूचना शुद्धिपत्र / CORRIGENDUM TO GLOBAL TENDER NOTICE

निम्नलिखित तालिका में विनिर्दिष्ट समसंख्यक निविदा सूचना द्वारा प्रकाशित विवरण हेतु निविदा प्रस्तुत करने की निर्धारित तारीख को बढ़ाया जा रहा है।

The last date of submission of bids for purchase of "items / description" published vide even number of Tender Notice is extended as tabulated below

क्रम सं. / Sr. No.	निविदा सूचना सं. / Tender Notice No.	विवरण/Description	ऑनलाइन बोलियाँ प्रस्तुत करने की बढ़ाई गयी समय सीमा / Extended timeline for submission of bids online	
			के पास से / From	तक / To
01.	पीएस/125/05/2019 PS/125/05/2019	आयन क्रोमैटोग्राफी तकनीक का उपयोग करते हुए आमतौर पर पाए जाने वाले एयरबोर्न अकार्बनिक जहरीले घटकों-जहरीले आयनों और केशन, क्षणिक धातुओं के विश्लेषण के लिए एक पूर्ण समाधान की आपूर्ति, स्थापना, कमीशन और रखरखाव - मात्रा 01 सेट के खरीद हेतु वैश्विक निविदा सूचना विज्ञापन। Corrigendum to Global Tender Notice for Supply, Installation, Commissioning and Maintenance of A complete solution for analysis of airborne inorganic toxic components-toxic anions and cations, transient metals including the commonly found using Ion Chromatography technique - Qty. 01 Set.	13 नवंबर 2019 1500 बजे से / 13 th November 2019 1500 hrs.	11 दिसंबर 2019 1500 तक 11 th December, 2019 1500 hrs.
उपरोक्त निविदा के लिए तकनीकी बोलियाँ 11 दिसंबर 2019 को 1530 बजे खोली जाएंगी। Technical Bids (only) for aforesaid tender will be opened on 11th December, 2019 at 1530 hrs.				

दिनांक 18 अक्टूबर, 2019 को हुई निविदा-पूर्व बैठक का अंतिम कार्यवृत्त भी नीचे विनिर्दिष्ट वेबसाइट पर उपलब्ध है। अन्य निबंधन एवं शर्तें यथावत रहेंगी। विस्तृत विवरण एवं बोलियों के प्रस्तुतीकरण हेतु कृपया वेबसाइट <https://moes.euniwizarde.com> देखें। **संभावित बोलीदाताओं की जानकारी के लिए, निविदा विवरण भी इस संस्थान की वेबसाइट <http://www.tropmet.res.in> एवं सरकार के सेंट्रल प्रोक्यूरमेंट पोर्टल (सीपीपी) <http://www.eprocure.gov.in> पर भी उपलब्ध है।** संस्थान किसी भी स्तर पर बिना किसी कारण बताए निविदा को पूरा या आंशिक रद्द करने का अधिकार सुरक्षित रखता है।

Also final minutes of Pre-Bid meeting held on 18th October, 2019 are available on websites as stated below. All other terms & condition shall remain unchanged. For details and submission of bids please visit website <https://moes.euniwizarde.com>. For the information of the prospective bidders, the tender details are also available on this Institute's Website: <http://www.tropmet.res.in> and Government's Central Procurement Portal (CPP) <http://www.eprocure.gov.in>. The Institute reserves the right to cancel the tender at any stage either in full or part as the case may be without assigning any reason thereof.

ह/Sd-
 प्रशासनिक अधिकारी, कृते निदेशक
 Administrative Officer, for Director
 ईमेल/Email : psu.iitm@tropmet.res.in

INDIAN INSTITUTE OF TROPICAL METEOROLOGY

DR. HOMI BHABHA ROAD, PASHAN, PUNE

PS/125/05/2019

Sub: Minutes of the Pre-bid meeting for Supply, Installation, Commissioning and Maintenance

of A complete solution for analysis of airborne inorganic toxic components-toxic anions and cations, transient metals including the commonly found using Ion Chromatography technique – Qty. 01 Set.

A Pre-bid meeting relating to the Supply, Installation, Commissioning and Maintenance of A complete solution for analysis of airborne inorganic toxic components-toxic anions and cations, transient metals including the commonly found using Ion Chromatography technique – Qty. 01 Set was held on 18th October, 2019 at 1500 hrs at IITM, Pune.

In response to this Institute's Tender Notice No.PS/125/05/2019, representatives of the following prospective bidders / firms / companies / OEM attended the meeting along with their queries:

- A. M/s. Metrohm India Private Limited, Pune
- B. M/s. ThermoFisher Scientific, Pune
- C. M/s. BioZed Engineering, Thane

At the outset, Institute Officials welcomed all the representatives of the prospective bidders / firms / companies. Indenting Officer briefed the tender document, scope of supply and technical parameters of the equipment to be procured.

The queries raised by all the representatives of the prospective bidders and their responses have been discussed, the major change requests, clarifications agreed/recommended by the Indenting Officer are stated below:

1) Solvent Delivery Pump

A. Inbuilt Quaternary Gradient pump for gradient applications. (Quantity —01 Nos.)

Metrohm Comment: Though most of applications can be done using Isocratic Technique with Metrohm Column. We request you to change the specs to Ternary/Quaternary Gradient Pump instead of only Quaternary Gradient Pump.

Reply: We need to utilize 4 solvent for all combination of gradient. This will include low concentration of eluent, high concentration of eluent, organic solvents, washing solvents. The complete gradient allow

us to separate inorganic, organic oxi anions, cation and amines in fastest way with keeping resolution intact. Cleaning up and analysis in parallel will be more efficient.

B. The specs in the last line to be changed to “it isto be compatible to different IDs” instead of “it is to be compatible to different IDs with no modification of Pump Head“. Most of the IC analysis is done with Flow rates of 0.5 to 2 ml/min.

Reply: We would like to procure instruments convenient and up-to-date for our lab. An in-built pump in which flow rates can be adjusted serves this purpose.

Metrohm Comment: We use two different pump heads for better user selectivity & accuracy.

2) UV-VIS Detector –

1. The suitable pneumatic base post column reagent assembly with accessories like Pneumatic Controller; Pressurizable Reservoir Chamber; Reagent Container; Knitted Reaction Coil; Mixing Tee etc.

Metrohm Comment: We use peristatic pump for post column reagent handling. This setup is having more accurate reagent delivery & less maintenance cost. Pneumatic base post column reagent assembly is used by only one manufacturer i.e. Thermo Fischer scientific,USA

Reply: Explanation is same as above. Pneumatic base PCR provides pulse free delivery of reagents and it is not exposed to air

2. Noise: Typically < 1 2.5 x EAU orbetter,

Metrohm Comment: Our UV-VIS Detector has noise <12.5 10⁵AU. This specification do not make any effect on detection limit and comply with tendered requirement of ppm & ppb level analysis.

3. Drift: 0.1 mAU/hr or better

Metrohm Comment: Our UV-VIS Detector has drift 0.5 mAU/hr. This specification do not make any effect on detection limit and comply with tendered requirement of ppm & ppb level analysis. So need to be changed.

Reply: We prefer to go with better specifications (Minimum drift and minimum noise) as we feel that our analysis will get better that way.

- 3) Software - Window based software for EPA method compliant for running, downloading, storage and analysing data and up gradation free of cost time to time.

Reply: This is mentioned in EPA 300 method.

Metrohm Comment: This specification ask for compliance to EPA method. We request you to give details of EPA methods with corresponding parameters to be analysed.

Reply: EPA 300 & subsections for water analysis as particulates will be analyzed through liquid media Ref: Jackson(encyclopedia) (2000), Michalski (JCLRT)(2005)

Accessories - 1. ASE: Accelerated solvent extractor, single, for preparation of solution for analysis; make of international standards (patented preferred)

Metrohm Comment: Accelerated solvent extractor is commonly used extracting various chemicals from a complex solid or semisolid sample matrix i.e. for sample preparation using Organic Acids, Acids, or bases. This is a proprietary item of Thermo Fischerscientific, USA who are also selling Ion Chromatography, and should not be part of global tender. This can be bought through a separate Tender Notice.

Reply: As evident from the title of tender itself we are looking for a complete, accurate and up-to-date solution.

- 4) Testing and Acceptance - The IC, after installation, shall be tested by the supplier together with the IITM designated group to demonstrate that the performance meets the manufacturer's performance specifications and the minimum requirements specified herein as determined by IITM; The results of the above tests on the installed IC shall be documented by the manufacturer (representing the OEM even if authorized dealer quotes; OEM Representative, OEMR) in an acceptance protocol that shall be signed by the IITM. If the tests results after installation do not meet the minimum requirements as specified, the manufacturer shall resolve the problem by correcting the installation of the equipment, or if necessary, change the equipment part responsible for the error.

Metrohm Comment: Minimum requirements and acceptance protocol to be signed by the IITM is not described in tender specifications. We request you to elaborate the same along with details such as analytes/ parameters, detection range, number of results per analyte/ parameter.

Reply: Anions 500 ppb each in single injections - Chloride, Phosphate, Thiosulfate, Thiocyanate, Oxalate. Cations and amines in single injection at 500 ppb- Sodium, Ammonium, Potassium, Dimethylamine, Trimethylamine. UV-Vis, Transition Metals - Iron and Chromium Speciations in 500 ppb range.

- 5) Manuals, Tools etc. - The OEMR shall provide complete sets of operation and servicing manuals with circuit diagrams and circuit descriptions in the English language, along with IC System as per IITM specifications including diagnostic tools, interface cards and software, plus any specialized mechanical tools required for instrument servicing and repair;

Metrohm Comment: The operational manual will be possible to be shared. As any third party servicing will make the warranty void and null. So we request you to remove this from Tender.

Reply: Having servicing tools with the equipment is never a disadvantage as it will be kept with responsible hands. Manuals and circuit diagram as far as possible is a customer's right.

- 6) On-Site Technical Support and other requirements - The OEMR shall demonstrate the availability of a good and competent technical support through at least 5 client's feedbacks when a problem is reported with their details (if a verification is needed) in the last 3 years, it will be highly decisive for acceptance of quote. Similarly, patented technologies supported patent certificate will be given weightage for the final choice.

Metrohm Comment: Any patented items cannot be part of Global Tender and can be bought propriety.

Reply: patent certificate to ensure quality that is advantageous to our scientific purpose.

The Committee recommended to extend the last date of submission of bids by three weeks from the date of publication also of Pre-bid meeting minutes on the e-procurement portal. All other terms and condition of the tender document remain unchanged.

The meeting ended with vote of thanks to the members.