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)
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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. S. N.	निविदा सूचना सं. Tender Notice No.	विवरण/Description	ऑनलाइन बोलियाँ प्रस्तुत करने की बढ़ाई गयी समय सीमा Extended timeline for submission of bids online
01.	पीएस/१२५/31/२०१९ PS/125/31/2019	**स्कॅनिंग मोबिलिटी पार्टीकल सायझर एंड एयरोडायनामिक पार्टिकल साइज़र की आपूर्ति, स्थापना और कमिशनींग - मात्रा ०2 सेट. Supply, installation and commissioning of Scanning Mobility Particle Sizer (SMPS) and Aerodynamic Particle Sizer Qty.02 Sets.**	9th अप्रैल 2020 , 1500 तक 9th April, 2020 1500 hrs.
उपरोक्त निविदा के लिए तकनीकी बोलियाँ 9th अप्रैल 2020 को 1530 बजे खोली जाएंगी। Technical Bids (only) for aforesaid tender will be opened on 9th April, 2020 at 1530 hrs.			

दिनांक 25 फरवरी, 2020 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 25h February, 2020 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-
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SUB : Minutes of the Pre-bid meeting of "Supply, Installation and Commissioning of Scanning Mobility Particle Sizer (SMPS) and Aerodynamic Particle Sizer Qty.02 Sets each (as per the tender document) held on 25th February 2020 at IITM, Pune

In response to our Global Tender Notice No. PS/125/31/2019, representative of the M/s Tesscorn Aerofluid Inc.had attended the meeting.

M/s. Alfatech Services, New Delhi had sent their queries vide their email dated 17th February, 2020.

At the outset Committee welcomed all the representative of the prospective bidders / firms / companies. He briefed the tender document, scope of supply and technical parameters of the equipment to be procured.

Representative of the prospective bidders / firms / companies were asked about any suggestion, queries or technical advancement regarding tender document & Equipment to be procured. The Queries and Institute's reply to the queries are as given below:

(a) <u>Queries raised by M/s Alfa Tech and reply by the institute.</u>

Sr. No.	Parameter	Tender Specification	Comments	Request by AlfaTech Services for change	Response
Scanning Mobility Particle Sizer (SMPS)					
2	Measurement size range	3 nm to1000 nm	Only TSI can meet this lower size requirementof 3 nm with TSI CPC 3756	5 nm to 1000 nm	Changed as less than or equal to 5nm. However GRIMM also has SMPS(Model SMPS+E) which has particle size 0.8-1094 nm, hence the statement by M/s. Alfa Tech is not correct
5	Aerosol concentration	1 to 10^8 particles/cm^3 (varies by configuration)		1 to 10^7 particles/cm^3	No change
6	Scan Time	30 to 600 sec, user-selectable, fast continuous scanning		Should be controlled by the SMPS depending upon the aerosol	No change .As per tender

				concentration	
7	Measurement Time	per Scan 20 to 300 sec, user-selectable		Should be controlled by the SMPS depending upon the aerosol concentration	No change .As per tender
8	Sample flow rate	0.2 – 4 lpm, user selectable	All CPCs have a fixed Sample flow rate. Please see below the details provided	Between 0.2 to 4 lpm	Sample flow rate may be read as "0.2- 4 lpm".
9	Number concentration measurement range for CPC	200,000 particles/cm^3 single particle counting		150,000 particles/cm^3 single particle counting	Greater than 150,000 particles/cm^3 single particle counting
11	CPC Detection efficiency at low particle size	D50 = 2.5 nm	Only TSI can meet this lower size requirement of 2.5 nm with TSI CPC 3756	4.0 nm	No change. As per tender.
14	Aerosol Flow rate	0.2 to 2 L/min, user-adjustable	All CPCs have a fixed Sample flow rate. Please see below the details provided		This flow rate is associated with the DMA sample flow not the CPC flow.
15	Sheath flow rate	2 to 20 L/min, user-adjustable	Sheath flow rate should be normally fixed at 10x of aerosol flow rate.	10x of aerosol flow rate.	No change. As per tender. Adjustable sheath flow is necessary to conduct lab experiments and instrument calibrations.
	Aerodynamic Particle Sizer (APS)				
	Aerosol Particle Sizer (APS)	Aerodynamic Particle Sizer	Only TSI manufactures Aerodynamic Particle Sizer (APS)	Aerodynamic Particle Sizer or Optical Particle Sizer	No change as per tender. Because Aerodynamic Particle Sizer can provide better size resolution than OPC
1	Detection Principle	Time of flight/optical		Time of flight or Laser scattering	No change. As per tender.

3	Sample flow rate	>3 l/min		>1 l/min	May be read as >1 l/min.
4	Particle concentration range	10^5 particles/litre without dilution	Too less for Indian condition	Greater than 10^5 particles/litre without dilution	May be read as "greater than 10^5 particles/liter without dilution"
8	Sampling System with Naffion Dryer		Is this requirement combined for both systems??	Common sampling system with Nafion drying for both SMPS and APS/OPS	No it is not combined. It is required separately, as both devices need to operate individually for different purposes

(b) Queries raised by M/s Tesscorn Aerofluid Inc & reply by the Institute :

Sr. No.	Parameter	Tender Specification	Comments	Request by Tesscorn Aerofluid Inc. for change	Response
Scanning Mobility Particle Sizer (SMPS)					
2	Measurement size range	3 nm to1000 nm		4 nm to 1200 nm	Changed as less than or equal to 5 nm.

The committee ended with vote of thanks.