



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन विकास मंत्रालय, भारत सरकार द्वारा स्थापित

सैक्टर 81, नॉलेज सिटी, प० ओ० मनोली, एस० ए० एस० नगर, मोहाली, पंजाब 140306

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI

(Established by Ministry of Human Resource Development, Govt. of India)

Sector-81, Knowledge city, PO-Manauli, SAS Nagar Mohali-140306, Punjab

PAN No. - AAAAI1781K GST No. 03AAAAI1781K1ZT

• Phone : +91-172-2240086 & 2240121 • Fax : +91-172-2240124, 2240266 • <http://www.iisermohali.ac.in> • Email: stores@iisermohali.ac.in

CPPP/Institute Website

IISERM (846)17/18-Pur

Dated :31.08.2017

NOTICE INVITING E-TENDER

Online tenders are invited on behalf of Director, IISER Mohali in **SINGLE BID SYSTEM** for laundry services for **Supply and Installation of POM Ozone Monitor** from reputed companies/ firms/ individuals/ societies etc. those are in the similar business at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app>& Institute website www.iisermohali.ac.in.

-sd-

(Mukesh Kumar)

Assistant Registrar (S&P)



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E-TENDER NOTICE

Tender Ref.- IISERM(846)17/18-Pur

Dated :- 31st August 2017

Critical Date Sections

Sr.	Description	Date	Time
1.	Tender Publishing Date and time	31 st August 2017	6:00pm
2.	Tender Document download start Date & Time	31 st August 2017	6:00pm
3.	Bid Submission start Date & Time	31 st August 2017	6:00pm
4.	Bid Submission End date and Time	20 th Sept 2017	Up to 11:00am
5.	Tender opening Date and Time	21 st Sept 2017	At 11.30 am

Online tenders are invited on behalf of the Director, IISER Mohali in **SINGLE BID SYSTEM** for following item(s) from the original manufacturer/supplier at CPPP i.e. <https://eprocure.gov.in/eprocure/app>. Tender documents may please be downloaded from the E-procurement portal website <https://eprocure.gov.in/eprocure/app> & Institute website www.iisermohali.ac.in. Tender fee in shape of DD/Banker Cheque of Rs 500/- (Non-refundable) and EMD of Rs.6500/- should be submitted by DD /Banker Cheque/FDR/ Bank Guarantee in favour of the Registrar, IISER Mohali payable at Mohali. However, scanned copy of the both tender fee and EMD should be upload on website along with technical bid part. The hard copy of the same in original to be send to the address mentioned below duly superscribing the supply/work name and reference/ tender ID on the envelope and same must reach before opening the bid and if not received within due date the bid will be rejected summarily.

The Original EMD and tender fee should be sent to:

Assistant Registrar (S&P)

Indian Institute of Science Education and Research,

Mohali Sector 81, SAS Nagar, Mohali, Punjab, India,

Pin: 140306

Non-receipt of original EMD and tender fee will lead to rejection of tender.

Item Details:

S. No.	Details of Specifications of the Stores	Qty.																																																				
	Supply and Installation of Supply and Installation of POM Ozone Monitor	---																																																				
3)	<table border="1"> <tr> <td colspan="2" data-bbox="236 331 1382 405">POM Ozone monitor</td> <td data-bbox="1382 331 1489 1930" rowspan="20">1 No.</td> </tr> <tr> <td colspan="2" data-bbox="236 405 1382 495" style="text-align: center;">Technical requirements</td> </tr> <tr> <td data-bbox="236 495 632 539">Weight:</td> <td data-bbox="632 495 1382 539">Portable less 1 kg all accessories included</td> </tr> <tr> <td data-bbox="236 539 632 584">Size</td> <td data-bbox="632 539 1382 584">Less than 5" x 5" x 5"</td> </tr> <tr> <td data-bbox="236 584 632 629">Measurement Principle</td> <td data-bbox="632 584 1382 629">UV Absorption at 254 nm</td> </tr> <tr> <td data-bbox="236 629 632 674">Federal Equivalent Method (FEM)</td> <td data-bbox="632 629 1382 674">Should be recognized as FEM by US EPA under EQOA-0815-2</td> </tr> <tr> <td data-bbox="236 674 632 719">Linear Dynamic Range</td> <td data-bbox="632 674 1382 719">3 ppb -10 ppm</td> </tr> <tr> <td data-bbox="236 719 632 763">Resolution</td> <td data-bbox="632 719 1382 763">0.1 ppb or better</td> </tr> <tr> <td data-bbox="236 763 632 808">Precision (1σ rms noise)</td> <td data-bbox="632 763 1382 808">2% of reading</td> </tr> <tr> <td data-bbox="236 808 632 853">Accuracy</td> <td data-bbox="632 808 1382 853">2% of reading</td> </tr> <tr> <td data-bbox="236 853 632 898">Limit of Detection (2σ)</td> <td data-bbox="632 853 1382 898">3 ppb</td> </tr> <tr> <td data-bbox="236 898 632 943">NIST-Traceable Calibration</td> <td data-bbox="632 898 1382 943">Yes</td> </tr> <tr> <td data-bbox="236 943 632 987">Measurement Intervals</td> <td data-bbox="632 943 1382 987">1 minute or better</td> </tr> <tr> <td data-bbox="236 987 632 1032">Baseline Drift</td> <td data-bbox="632 987 1382 1032">< 2 ppb/day <5 ppb/year</td> </tr> <tr> <td data-bbox="236 1032 632 1077">Sensitivity Drift</td> <td data-bbox="632 1032 1382 1077">< 1%/day <3%/year</td> </tr> <tr> <td data-bbox="236 1077 632 1122">Data Storage</td> <td data-bbox="632 1077 1382 1122">6 days or more at 1 minute time resolution</td> </tr> <tr> <td data-bbox="236 1122 632 1167">T and P Corrected</td> <td data-bbox="632 1122 1382 1167">For deployment at high altitudes measurement must be P & T corrected</td> </tr> <tr> <td data-bbox="236 1167 632 1211">Operating Temperature Range</td> <td data-bbox="632 1167 1382 1211">0-50°C or more</td> </tr> <tr> <td data-bbox="236 1211 632 1256">Operating Altitude Range</td> <td data-bbox="632 1211 1382 1256">0-10 km or more</td> </tr> <tr> <td data-bbox="236 1256 632 1301">Power supply</td> <td data-bbox="632 1256 1382 1301">Must be battery operated for mobile deployment. Battery should provide >5 hours of power Battery, battery charger, cigarette lighter adaptor and AC power supply adaptor with country specific plug must be provided</td> </tr> <tr> <td data-bbox="236 1301 632 1346">Accessories:</td> <td data-bbox="632 1301 1382 1346">GPS (preferably in-build) for mobile collection of geo-referenced data</td> </tr> <tr> <td data-bbox="236 1346 632 1391"></td> <td data-bbox="632 1346 1382 1391">Zeroing cartridge must be provided</td> </tr> <tr> <td data-bbox="236 1391 632 1435"></td> <td data-bbox="632 1391 1382 1435">Calibration data and NIST traceable calibration certificate must be provided with instrument birth certificate</td> </tr> <tr> <td data-bbox="236 1435 632 1480"></td> <td data-bbox="632 1435 1382 1480">USB cable, Serial port cable and USB/CD-ROM with instrument manual, data download and display software and Driver must be provided</td> </tr> <tr> <td data-bbox="236 1480 632 1525"></td> <td data-bbox="632 1480 1382 1525">Filter holder and filter papers for inlet protection must be provided</td> </tr> <tr> <td data-bbox="236 1525 632 1570"></td> <td data-bbox="632 1525 1382 1570">Sampling probe must be included</td> </tr> </table>	POM Ozone monitor		1 No.	Technical requirements		Weight:	Portable less 1 kg all accessories included	Size	Less than 5" x 5" x 5"	Measurement Principle	UV Absorption at 254 nm	Federal Equivalent Method (FEM)	Should be recognized as FEM by US EPA under EQOA-0815-2	Linear Dynamic Range	3 ppb -10 ppm	Resolution	0.1 ppb or better	Precision (1σ rms noise)	2% of reading	Accuracy	2% of reading	Limit of Detection (2σ)	3 ppb	NIST-Traceable Calibration	Yes	Measurement Intervals	1 minute or better	Baseline Drift	< 2 ppb/day <5 ppb/year	Sensitivity Drift	< 1%/day <3%/year	Data Storage	6 days or more at 1 minute time resolution	T and P Corrected	For deployment at high altitudes measurement must be P & T corrected	Operating Temperature Range	0-50°C or more	Operating Altitude Range	0-10 km or more	Power supply	Must be battery operated for mobile deployment. 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SUBMISSION OF TENDER

- I. All bid/ tender documents are to be uploaded online at Central Public Procurement portal i.e. <https://eprocure.gov.in/eprocure/app> only and in the designated cover/ part on the website against tender ID. Tenders/ bids shall be accepted only through online mode and no manual submission of the same shall be entertained except tender fee and EMD. Late tenders will not be accepted.
- II. The online bids shall be opened at the office of the Assistant Registrar (P&S), IISER Mohali, on above given date and time. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be attended on the next working day at same time and place. IISER Mohali will not be responsible for any error like missing of schedule data while downloading by the Bidder.
- III. The bidder shall upload the tender documents duly filled in and stamped by the authorized signatory on each and every page. Tender not submitted/uploaded in the prescribed form and as per the tender terms and conditions shall be liable for rejection.
- IV. The bidder shall upload scanned copy of the PAN Card, GST number VAT return, Service tax registration number duly signed and stamped.
- V. E-procurement system ensures locking on the scheduled date and time. The system will not accept any bid after the scheduled date and time of submission of bid.

INSTRUCTIONS

1. The Online bids should be submitted directly by the original manufacturer/supplier, If quotation is submitted/filled by any representative/agent/dealer then they must upload a authority certificate from the principal company for quoting the price otherwise such quotation will be rejected.
2. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute. Before the deadline for submission of the online bid, IISER Mohali reserves the right to modify the tender document terms and conditions. Such amendment/modification will be notified on website against said tender ID.
3. The rates offered should be FOR Chandigarh/Mohali in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Supplier from outside India should mention the Ex-works/FOB/FCA/CIF/CIP price clearly. Conditional tenders will be summarily rejected.
4. In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.
5. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY under notification no-TU/V/RG-CDE(1062)1 201-CUSTOM DATED 30.08.2016.
6. Tax: This Institute is not exempted from the payment of GST. The current rate (i.e. percentage of GST should be clearly indicated included or excluded) wherever

chargeable. Please also provide/upload the copy of PAN card, GST number duly self-attested.

7. The delivery period should be specifically stated. Earlier delivery will be preferred.
8. The firms are requested to provide/upload detailed description and specifications together with the detailed drawings, printed leaflets and literature of the article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.
9. Validity of offer: 90 days. The warranty period after satisfactory installation should be mentioned and firm should replace all manufacturing defect parts/ whole item under warranty without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance Guarantee @ 10 % of the value of supply order as per norms may be sought from the firms.
10. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved by the IISER Mohali. For any corrigendum and addendum please be checked the website <https://eprocure.gov.in/eprocure/app> and <http://www.iisermohali.ac.in>
11. Disputes, if any, shall be subject to jurisdiction in the court of Mohali only.

–sd/-
(Mukesh Kumar)
Assistant Registrar (S&P)