



**CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET)**  
(Scientific Society, Ministry of Electronics and Information Technology (MeitY), Govt. of India)  
IDA PHASE - III, CHERLAPALLY, HCL (PO), HYDERABAD - 500 051  
Phone: +91-40-27265587, 27267006 Fax: +91-40-27261658

**ENQUIRY LETTER**

NO.: HD/PUR/SP-37/NPWS/05/2017-18/ 9629 Date: 18.12.2017

**Subject: Procurement of "NANO PURE WATER SYSTEM" - regarding.**

Due date for receipt of the quotations	11	01	2018	<b>TIME BY:16.30 hours</b>
--	----	----	------	----------------------------

Sir,

Sealed quotations conforming to the specifications are invited in **TWO BID SYSTEM** for the following item(s) from reputed manufacturers/authorized distributors/dealers. Quotation may please be submitted, keeping in view, the terms and conditions given below and overleaf, otherwise quotations will be rejected.

S. No.	Description of the item	Quantity
01	NANO PURE WATER SYSTEM (Specifications as per Annexure)	1 No.
02.	Expected delivery Schedule	5 weeks

**Note:**

- The envelope super-scribed with [a] Quotation No. [b] Due Date & [c] Description of the Item and be sent to the undersigned before the due date.
- The Technical bid (Envelope No. 1) & Financial bid (Envelope No. 2) should be in separate sealed covers. Combined quotations will be REJECTED.**
- The quotation should be submitted in the enclosed format only.**
- The Enquiry Letter No. & date should be clearly indicated in the quotation, otherwise quotation will be rejected.**
- Firms or their authorized representatives are requested to attend the opening of Combined/Technical bids after closing time i.e. **on 12.01.2018 at 1200 hours.** If there is any delay in opening of technical bids will be intimated to all bidders.
- These details are also available in our website: <http://www.cmet.gov.in>

Thanking you,

Yours faithfully,

(G.K.VENKATESAN)

Administrative Officer

[venkatesan@cmet.gov.in](mailto:venkatesan@cmet.gov.in)

**G. K. VENKATESAN**

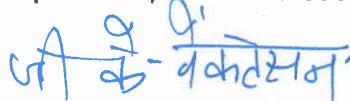
Administrative Officer  
Head of Office

Centre for Materials for Electronics Technology (C-MET)  
Ministry of Electronics & Information Technology (MeitY),  
Govt. of India  
IDA Phase - III, Cherlapally, HCL (P.O.)  
Hyderabad - 500 051, Telangana State, India

Encl.: As above.  
TO

**Specific terms and conditions to the tender:-**

1. Please submit the Technical Details/Catalogue/Data Sheets.
2. The offer should be valid for a period of 90 days from the date of opening of Tender.
3. **Please send the quotations ONLY in 'SEALED COVER' indicating our tender enquiry No. and due date by Hand/speed post/courier so as to reach us on or before the due date & time. C-MET will not be responsible for any postal delays.**
4. **E-Mail/fax quotations 'WILL NOT BE ACCEPTED'.**
5. **All Tax invoices shall invariably bear your GST Registration No. (GSTIN) and the applicable GST rates. In the absence of which, the invoice(s) shall not be processed for payment.**
6. Our standard delivery term is FOR, C-MET. In case any vendor offers delivery term of Ex-works, Packing and Forwarding charges if any should be indicated separately either as a percentage of the quoted rate or as a Lumpsum amount.
7. We are exempted from the payment of Customs Duty as per Notification No. No. 51/96-Customs dated 23.07.1996 and necessary exemption certificate shall be issued upon request.
8. Our standard payment term is 100% within 30 days for indigenous orders and sight draft for foreign orders. Firm should provide Bank details for RTGS remittance.
9. **Liquidated Damages: - The delivery period quoted should be realistic. The delivery period so quoted and mentioned in the order is the essence of the order/contract. In case of delay in delivery of material as per the delivery schedule, Liquidated Damage @ 0.5% per week or part thereof on the undelivered portion subject to a maximum of 10% of the contract value shall be levied. Wherever, installation and commissioning is also involved, the supply will be deemed to have been completed only when the entire stores is supplied, installed and accepted.**
10. **Security Deposit:-** Wherever the offer value is Rs. 5.00 lakhs or above, the successful tenderer should submit Security Deposit@10% of the order value by way of Bank Guarantee /FC Receipt. The Bank Guarantee shall be obtained from any Scheduled Bank on Rs. 200/- Non Judicial Stamp paper and should be valid beyond 2 months from the completion of all contractual obligations.  
**Note: Clause NO. 9 & 10 are mandatory and offers of the vendors who have not agreed for the above conditions will be excluded from the procurement process. Micro and Small Vendors are not exempted from the submission of Security Deposit.**
11. In order to avail of the benefits extended to by Govt. of India to the Micro and Small Sectors, please submit attested copy of the valid Entrepreneur Memorandum Part-II signed by the General Manager, District Industries Centre/ Udyog Adhar / NSIC Registration Certification along with your offer.
12. If any bidder submits forged / false document along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.
13. Wherever samples are required to be submitted along with the quotation, offer without sample will not be considered.

  
Administrative Officer  
C-MET, Hyderabad

SIGNATURE OF THE BIDDER WITH DATE AND ROUND STAMP AS TOKEN OF ACCEPTANCE OF TERMS AND CONDITIONS

## SPECIFICATIONS OF NANO PURE WATER SYSTEM

**C-MET, Hyderabad is planning to procure nano pure water system for preparation of sample solutions for ICPMS analysis.**

Feed water TDS: <50 ppm
Pre filtration unit to remove particulate up to 1 micro-meter and shall be connected to over head tap
Pre treatment and RO system with electro-deionization system
Pre filtration unit storage tank 20-30 lit made from polyethylene for permeate with recirculation facility: Level control shall be included with two switch points for automatic on/off of the permeate. The water level in the tank shall be displayed continuously on the LCD/LED screen.
Output water conductivity shall be below 0.1 micro-Siemens/cm. It shall be collected separately and also shall be linked to the second system namely ultra purification system.
Output approximately 5 L/hr
<b>ULTRA-PURIFICATION STAGE</b>
Polisher module
Dual wavelength UV Oxidation chamber with submersible lamp
Filter 0.1- 0.22 micro meter pore size with 1000 cm <sup>2</sup> area
<b>WATER QUALITY</b>
Output flow rate : 1.5 L/min and above
Resistivity at 25° C : 18.2 M ohms
TOC Level : 1-5 ppb
Bacteria : < 1 cfu/m
Particles : < 1 μ m/ml
<b>WARRANTY</b>
12 months from the date of installation & commissioning
<b>OTHERS</b>
Please indicate Boron and Silicon impurities levels in 14-15 Mohm (1 <sup>st</sup> stage) and 18.2 Mohm (2 <sup>nd</sup> stage) water
List of consumables and their cost
Estimated AMC and consumables cost after guarantee/ warrantee period each year.
<b>ACCESSORIES</b>
Accessories for 1 year trouble free operation

Feed water should be from RO/DI/DM/Double Distilled.
System should produce Type-I Ultrapure Water from the feed water.
System should meet CLSI and CAP Type-I water standards.
Water should be suitable for GC, HPLC, AAS, ICP-MS, and Nanotechnology application.
System should be in-built, Quatro U Pack, patented large capacity Quad Tube Ultra Purification Cartridge.
System Cartridges should be with special technologies inside polishing cartridge to cut TOC further down compared to a regular polishing cartridge.
System should have flexible choices of final filters to match different needs like filters to remove bacteria / RNAse / Endotoxin etc.,
System should be having choices of Ultra purification cartridges for pure water.
System should have a facility for preventing microbial growth.
System should have automatic recirculation for preventing bacterial growth.
Alarms and maintenance info on a color LCD screen
Real-time monitoring of system status for product water quality / resistivity
Equipped with Dual UV lamp (185/254 nm) with remaining service life indication.
System should be compact, easy to operate with minimum maintenance.
Life of the polished cartridges should be with min 4000 ltrs of water if the system is used with feed water quality 5 uS/cm.
System should have 0.2 micron Ultrafilter, which removes contamination.
System should be CE and FEE certified.
System should be supplied with Dispenser.
System should work on single phase 230 V / 50Hz with low running cost.

G. K. VENKATESA  
Administrative Officer

Head of Office  
Centre for Materials for Electronics Technology (C-MET)  
Ministry of Electronics & Information Technology (MeitY),  
Govt. of India  
IDA Phase - III, Chertlapally, HCL (P.O.)  
Hyderabad - 500 051, Telangana State, India

**(in the company letter head)**

**BID FORM AND PRICE SCHEDULE**

Tender Reference No. : ENQ. NO.: HD/PUR/SP-37/NPWS/05/2017-18/  
Date: 18 .12.2017

Name of the Stores/  
Goods/Equipment : NANO PURE WATER SYSTEM

Sl. No.	Description	HSN/ SN CODE	Qty.	Unit Price	Amount/ Rs
1	<b>NANO PURE WATER SYSTEM</b>		1 No.		
	<b>Make:</b>				
	<b>Model:</b>				
	Freight charges				
	Insurance				
	Installation charges				
	Taxable value				
	GST				
	<b>GRAND TOTAL</b>				

1. Payment Terms: As per Tender
2. Bid Validity:
3. Delivery Schedule:
4. Place of delivery:
5. Warranty, if applicable:
6. GST Registration No.
7. Any other relevant information:

Signature of Tenderer \_\_\_\_\_  
Name \_\_\_\_\_  
Seal of the tenderer \_\_\_\_\_

SIGNATURE OF THE BIDDER WITH DATE AND ROUND STAMP AS TOKEN OF  
ACCEPTANCE OF TERMS AND CONDITIONS