

Government eProcurement System		Government eProcurement System		
Tender Details		Date : 07-Sep-2020 10:21 AM		
Print				
Basic Details				
Organisation Chain	Council of Scientific and Industrial Research CSIO-Chandigarh - CSIR Purchase-CSIO - CSIR			
Tender Reference Number	CSIO-3-1-2020			
Tender ID	2020_CSIR_56921_1			
Tender Type	Open Tender	Form of contract	Supply	
Tender Category	Goods	No. of Covers	1	
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No	
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No	
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No	
Payment Instruments		Cover Details, No. Of Covers - 1		
Offline	S.No	Instrument Type	Cover No	
	1	Direct Credit		
	2	Bank Guarantee		
	3	Demand Draft		
	4	R-T-G-S		
	5	FDR		
	6	ECS		
	7	NEFT		
			Cover	
			Document Type	
			Description	
	1	Fee/PreQual/Technical/Finance	.pdf	Procurement of Gas Mixing System etc. as per Tender Document
			.xls	Procurement of Gas Mixing System etc. as per Tender Document
Tender Fee Details, [Total Fee in ₹ * - 0.00]		EMD Fee Details		
Tender Fee in ₹	0.00	EMD Amount in ₹	18,000	
Fee Payable To	Nil	EMD through BG/ST or EMD Exemption Allowed	Yes	
Tender Fee Exemption Allowed	No	EMD Fee Type	fixed	
		EMD Payable To	Director, CSIR-CSIO	
		EMD Payable At	Chandigarh	
Work /Item(s)				
Title	CSIO-3-1-2020			
Work Description	Procurement of Gas Mixing System etc. as per Tender Document			
Pre Qualification Details	Please refer Tender documents.			
Independent External Monitor/Remarks	NA			
Show Tender Value in Public Domain	No			
Tender Value in ₹	0.00	Product Category	Sub category	
			NA	

			Laboratory and scientific equipment		
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work (Days)	45
Location	CSIR-CSIO, Purchase Section Sector-30 Chandigarh	Pincode	160030	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Purchase Section CSIR-CSIO Sector-30 Chandigarh
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	07-Sep-2020 11:00 AM	Bid Opening Date	23-Sep-2020 03:30 PM
Document Download / Sale Start Date	07-Sep-2020 11:00 AM	Document Download / Sale End Date	22-Sep-2020 03:00 PM
Clarification Start Date	07-Sep-2020 11:00 AM	Clarification End Date	21-Sep-2020 05:00 PM
Bid Submission Start Date	07-Sep-2020 11:00 AM	Bid Submission End Date	22-Sep-2020 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
		1	Tendernotice_1.pdf	Procurement of Gas Mixing System etc. as per Tender Document

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
		1	BOQ	BOQ_61269.xls	Procurement of Gas Mixing System etc. as per Tender Document

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	bhatnagar.eproc@csir.res.in	Brijender Bhatnagar	BRIJENDER KUMAR BHATNAGAR
2.	madan.eproc@csir.res.in	Madan Sharma	MADAN SHARMA
3.	ramesh.eproc@csir.res.in	Ramesh Kumar	RAMESH KUMAR
4.	satya.eproc@csir.res.in	Satya Prakash Prabhakar	SATYA PRAKASH PRABHAKAR

GeMARPTS Details

Reason for non availability of GeMARPTS ID	Remarks
Non availability of GeM Portal	Non available on Gem Portal as on date

Tender Inviting Authority

Name	Stores and Purchase Officer
Address	The Director CSIR-CSIO Sector-30 CHANDIGARH

Tender Creator Details

Created By	Ramesh Kumar
Designation	Assistant

Created Date	07-Sep-2020 10:09 AM
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सीईएसआईआर - केन्द्रीय वैज्ञानिक उपकरण संगठन
CSIR-Central Scientific Instruments Organisation
सैक्टर 30 सी चंडीगढ़ Sector-30C, Chandigarh 160 030

निविदा संख्या / Tender No.	CSIO/3(1)/2020-Pur	दिनांक / Issue Date:	September 04, 2020
निविदा प्राप्त का अंतिम समय एवं दिनांक / Date & time of receipt of tender	22.09.2020, 3.00 P.M. तक।	निविदा खोलने का समय एवं दिनांक / Date & time of opening of Tender	23.09.2020 at 3.30 P.M.

E-TENDER

हम निम्नानुसार उपस्कर/सामग्री खरीदने के इच्छुक हैं। कृपया अपनी कोटेशन निदेशक, सी.एस.आई.ओ. के नाम ई-टेंडर द्वारा भेजें। जिसे निर्धारित समय पर आपूर्तिकर्ताओं के प्रतिनिधियों (जो भी सवेच्छा से उपस्थित हों) के समक्ष खोला जाएगा।

We are interest to purchase the below given items/attached items. Kindly upload your Tender/Quotation/Proforma Invoice through E-Tender. Tenders/quotation will be opened in the presence of supplier's representatives who wish to present themselves at that time.

S. No.	Item Description	Qty	BD* (SB/TB)	EMD
1.	Gas Mixing System detailed specifications enclosed.	One	Single Bid	18,000.00
<p>Note:- 1) For financial bid, please fill the BOQ, as attached. The tender through e.mail/FAX will not be considered. 2) The EMD either may be submitted in CSIO's SB Account No. 30267029400 (SBI, Sector-30, Chandigarh) and the proof should be enclosed with the offer OR by DD/BG/FDR. The DD/BG/FDR in favor of Director, CSIO, Chandigarh in original should reach us before opening of tender</p> <p><u>Please carefully refer all the Terms & conditions (attached), before submission of Tender to avoid rejection.</u></p> <p>a) <u>The offer received without mentioning the terms & conditions i.e validity of offer, delivery period, payment terms, warranty, submission of Performance Bank Gurantee etc, will be not considered and summarily rejected.</u></p> <p>b) Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form (MAF) using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods, failing which offer will not be considered/rejected</p> <p>c) The successful bidder has to provide Performance Security for 10% value of the contract as specified in the bid documents. Performance Security may be furnished in the form of an account payee demand draft, fixed deposit receipt from a commercial bank, bank guarantee issued/confirmed from any of the commercial bank in India in an acceptable form, safeguarding the purchaser's interest in all respects.</p>				

Tender has been e-tender on www.etenders.gov.in. Prospective bidders are requested to get themselves registered on www.etenders.gov.in for future also.

Yours faithfully



(S.P. Prabhakar)

Stores & Purchase Officer

Website: www.csio.res.in E.Mail: cosp@csio.res.in, spo@csio.res.in Phone: 91-172-2652651, Telefax: 91-172-2652651

Gas mixing system:

1. No. of gases to be mixed: 3 Nos.
2. Mass flow controller range: 4 no's; (0 – 5 SCCM-2 no) one each for corrosive and non-corrosive gas. (0-10SLPM- 1no for balance gas) ;(0-100SCCM)-1 no.for corrosive gasat the final outlet after the buffer tank. Digital MFC with preloaded standard gases and display. Suitable user selectable modes should be available for selecting any specific gas chosen at a time of use. Simultaneously displays Mass Flow, Volumetric Flow, Pressure and Temperature.
3. Mixing gases: minimum H₂S, NH₃, CH₄, NO, CO₂, CO, N₂, Argon, Air, and H₂. All the MFC should be calibrated for mentioned gases
4. Mixing range: 1 ppm – 100%, mixing precision: $\pm 0.2\%$ or better.
5. Mixed gas buffer tank capacity: 1 Litre with provision to monitor temperature and pressure, valves for evacuating/purging with maximum pressure of buffer tank: 10 bar.
6. The blended gas in pre-defined ratio must be stirred by static/dynamic inline mixer.
7. Working range of pressure gauges: 0 – 10 bar (Accuracy: $\pm 0.25\%$)
8. Gas flow line along with necessary valves (Valves should be solenoid type and should control through a panel and use standard NRV as required) and with 1/4 " tubing; Schematic of the gas mixing system to be provided.
9. The system should have a static mixture for homogeneous mixing& option for double stage / level dilution of the gases and mixing with provision of vacuum pump connection after the buffer tank capacity
10. Portable Frame to mount all the above & laptop to run the gas mixing software with external power supply module
11. The system must be controllable from software and shall communicate with all the Mass Flow Controllers (MFC) via their USB/ETHERNET and a provision to monitor the pressure and temperature of the mixed gas in the tank. Each MFC shall regulate the flow of one gas into the tank.
12. The Software interface settings shall maintain the exact proportion defined above by constantly comparing MFC data with the mix equations.
13. Should the chamber pressure drop below the set point, the Software should send a flow command to each controller to resume gas flow into the tank manifold for continued gas blending.
14. Each incoming gas line to MFC shall also have pressure gauge arrangement for inlet pressure measurement in respective input gas lines to MFC's. The entire blending process and monitoring of pressure, temperature and flow readings must be fully automatic
15. Each incoming gas line to MFC shall also have pressure gauge arrangement for inlet pressure measurement in respective input gas lines to MFC's. The entire blending process and monitoring of pressure, temperature and flow readings must be fully automatic.

Gas Mixing Software	For full functional operation of the MFC compatible with Win 7/8/10(32/64 bit) (The software update must be available for at least 3 years.)
Computer laptop(branded)	Processor: AMD Ryzen 7 3750H or intel i7 or better Ram: 16GB or better Graphics card: RTX 2060 6gb DDR6 / RX5500 M or better Storage: 1TB NVMe or better Size: Any size between 14 to 16.5 inch Windows : Pre-loaded Windows 10, Home, 64Bit operating system with lifetime validity
DC power Supply	Dual Channel Variable output Single Channel Fixed output Input: 220V +/-10% 50~60Hz Variable Output Voltage: 2 x 0 - 30V DC Variable Output Current: 2 x 0 - 2A Fixed Output: 5V / 3A

TERMS & CONDITIONS

1. The quotation/tender must be in the form furnished by the Purchaser/as per tender specifications and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not the quotation will not be considered. **Hand written Quotations will not be considered.**
 - (a) Where there is no mention of packing, forwarding, freight, insurance charges, taxes etc. **such offer shall be rejected as incomplete. As such clearly mention these charges.**
 - (b) The bidder should give a clear cut break up of ex-works, FOB/FCA, CIF/CIP price to facilitate the proper comparison **failing which the bid would be summarily ignored/rejected.** CSIR reserves the right to order on the basis of any of the incoterms. The Exchange selling rates will be taken from www.xe.com.
 - (c) The gross weight of the consignment may be intimated in the Quotation/Tender/Proforma Invoice to decide the mode of dispatch.
2. **The E-Tenders will be accepted through online only. The tender received in any other mode or physical tender will not be accepted and will be ignored. This is not applicable for E-Publish Tender Notice**
3. It may kindly be noted that your bid should
 - A) be in **single part. (single part / two part bidding) (retain one only)**
 - B) accompany Bid Security(EMD)/5F (Annexure) of Rs..... **(retain only if applicable)**

Bidders that are currently registered with the purchaser or registered as MSEs will continue to remain registered during the tender validity period also and are exempted from payment of EMD. In case the tenderer falls in these categories, the bidder should furnish a certified copy of its valid registration details. Except for MSEs, this exemption is valid for the trade group and monetary value of registration only. **The MSEs are provided tender document free of cost and are exempted from the payment of Bid Security provided the goods are produced and the services are rendered by them and not for any trading activities undertaken by them.**

Whenever the bidder chooses to submit the Bid Security in the form of Bank Guarantee, then he should advise the banker issuing the Bank Guarantee to immediately send by Registered Post (A.D.) an unstamped duplicate copy of the Guarantee directly to the Purchaser with a covering letter to compare with the original BG for the correctness, genuineness, etc
 - C) on the event of award of Contract in your favour, you need to submit a Performance Bank Guarantee for 10% of the ordered value valid for a period of 2 Months beyond the Warranty period of..... **(retain only, if applicable)**
4. Each quotation/Tender in case of E-Publish Tender sent by post is to be enclosed in double cover addressed to **The Director, CSIO, Sector-30, Chandigarh-160 030.** Quotations delivered personally should be put in the tender box kept in the office of Stores & Purchase Officer. **The late /delayed & unsigned quote will not be considered at all.**
5. The acceptance of the quotation will rest with the competent authority of **Central Scientific Instruments Organisation, Sector-30, Chandigarh** who does not bind himself to accept the lowest quotation and reserves the right to himself to reject, or partially accept any or all the quotations received without assigning any reason.
6. **Price & Validity:** Price quoted should be net (separately mention required charges as Sr.No. 1(a,b) above) and valid for a minimum period of **90 days** from the date of opening of the quotation, **failing which the offer will be ignored/rejected.**
7. The bidder must submit the applicable Price Schedule Form as Annexed to the tender document available on the website.
8. Complete specification with manufacturer's name and address should be given while quoting. Literature/Pamphlets should also be enclosed wherever applicable.
9. Prices are required to be quoted in units indicated in the enquiry. When quotations are given in terms of other units, relationship between two sets of units should be furnished. Quantity discounts, if any should also be indicated. The items should be quoted indicating the serial No. of our RFQ.
10. In cases of agents quoting on behalf of their foreign manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. **One manufacturer can also authorize only one agent/dealer.** There can be only one bid from the following:
 1. The foreign manufacturer directly or through one Indian agent on his behalf; or
 2. Indian/foreign agent on behalf of only one principal.
11. Please indicate the name and address of the agents in India if any, the details of service to be rendered by them & the percentage of commission payable to them. Agency commission payable to the Indian Agent should be clearly indicated. The Agency commission would be payable only in Indian Rupees after acceptance. Further an Indian Agent cannot quote on behalf of two different foreign suppliers. If they submit two offers on behalf of two different foreign suppliers, **their offers may not be considered. If the offer is submitted by the Authorised Dealer/Agent/Distributors, it should be alongwith Authorisation Certificate, failing which the offer will be ignored/rejected.** The offer submitted through authorisation on behalf of the principal, the terms & conditions settled by the Agent with buyer will be binding on their principal.

Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturers' Authorization Form (MAF) using the form specified in the bidding document to demonstrate that it has been duly authorized by the manufacturer of the goods to quote and/or supply the goods, failing which offer will not be considered/rejected.
12. **Taxes as are applicable should be indicated clearly failing which the offer shall not be considered and rejected.** This lab/Instt is registered with Dept. of Scientific & Industrial Research, Govt. of India and concessional customs duty and GST & IGST are leviable vide notification no. Custom Duty under Govt. Notification No. 51/96-Custom dated 23.07.1996 and No. 43/2007-Customs dated 30.06.2017 and Govt. Notification No. 45/2017-Central Tax (rate) & No. 45/2017-Integrated Tax (rate) dated 14.11.2017. Only basic duty is applicable under this notification, hence bidders will have to submit their offer accordingly. We are exempted from payment of Customs Duty under notification No.51/96 dated 23.07.1996. Hence IGST and Customs Duty, if any, should be shown separately. No other charges than those mentioned clearly in the quotation will be paid

P.T.O.

13. The mode of dispatch/transportation of the items must be by **Air/Sea/Rail/Road only. (Retain one only).**
 14. In case the items in the enquiry are covered by any rate contract or running contract finalised by any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned.
 15. **Delivery period** required for supplying the material should be invariably specified in the quotation. The offered delivery period shall have to be strictly adhered to in case an order is placed.
 16. **Liquidated Damages Clause for delays:** The applicable rate is 0.5% per week and maximum deduction is 10% of the contract price.
 17. If the deliveries are not maintained and due to that account the purchaser is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier.
 18. All supplies are subject to inspection and approval before acceptance. Manufacturer warranty certificates and manufacturer/Government approved lab test certificate shall be furnished along with the supply, wherever applicable. Please mention the warranty period of equipment, which should be from the date of satisfactory installation. **The offer received for lesser warranty, as asked for in the tender, will be rejected/ignored.**
 19. TDS would be recovered as per rules in case of Fabrication/ Servicing/ Maintenance jobs/Installation charges etc.
 20. Kindly furnish your PAN & GST Number etc. in your quotation for our records. Our GST No. is 04AAATC2716R1ZN
 21. Our normal payment terms are 100% (hundred percent) within 30 (thirty) days on receipt and acceptance of material at our site in good condition. Please inform your Bank details for RTGS payment. Banking details should be available on Bill/invoice.
 22. **Reasonability of Prices/Fall Clause**
 - i) Please quote best minimum prices applicable for a premiere Research Institution, leaving no scope for any further negotiations on prices.
 - ii) The quoting party should give a certificate to the effect that the quoted prices are the minimum and they have not quoted the same item on lesser rates than those being offered to CSIO to any other customer nor they will do so till the validity of offer or execution of the purchase order, whichever is later.
 - iii) Copies of atleast two recently supplied orders of the last two years received from other customers alongwith details of such supply orders preferably in India for the same item/model may be submitted with the offer giving reasons of price difference of their supply order & those quoted to us, if any. The party must give details of identical or similar equipment, if any, supplied to any CSIR lab during the last three years alongwith the final price paid and Performance certificate from them.
 23. **Installation/commissioning:** Equipment/Instruments are required to be commissioned/installed/demonstrated successfully immediately or within 30 days from the date of receipt of the system in CSIO by the Principal or by their authorized Agent, **failing which the Liquidated Damage Clause will be applicable as mentioned above.**
 24. Certificate of undertaking that the equipment is of latest technology & will not be obsolete within 5 years after warranty will be attached with the offer. All essential spares parts of the offered equipment will available with the manufacturer or in India with your Indian Agents for a period of at least 5-7 years after warranty period which will be required at later stage
 25. MSME benefits will be given to the eligible supplier as per the Govt. guidelines subject to submission of proper document as per policy or Udyog Adhar Udyog Memorandum in respective category
 26. Code of Integrity has to be maintained by Bidders/Suppliers/Contractors by maintaining highest standards of ethics in the Procurement process and prohibits corrupt practice/Fraudulent practice/Anti- Competitive practice / Coercive Practice/ Conflict of Interest and Obstructive practice either directly or indirectly during the process of contract.
 27. All disputes shall be settled in the courts of **Chandigarh Jurisdiction** only.
 28. Tender conditions (printed on the reverse), if any, or otherwise sent along with the tender shall not be binding on us.
 29. All the above instructions and our standard terms and conditions must be complied failing which your offer may be liable for rejection.
 30. As per Govt. of India procurement policies (under Make in India (MII))
 - a. The purchaser intends to give purchase preference to local suppliers* in case the cost of procurement is in the range of more than Rs 5.00 lakhs and up to Rs. 50.00 lakhs.
 - b. The eligibility of the supplier is restricted to Indian Suppliers or there is no restriction on the eligibility of the suppliers. **(retain any one only)**
 - c. The procuring entity intends to give purchase preference to products/goods manufactured by micro, small and medium enterprises.
- *"Local supplier" means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed in DIPP Order No.P-45021/2/2017-PP (BE-II) dated 28th May, 2018 or by the competent Ministries/Departments in pursuance of this order.
- 'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the items procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.
31. Instructions to Bidders, General Conditions of Contract applicable to limited tenders originating from S&P Division along with different formats can be viewed on our website www.csio.res.in under the heading tenders.

Yours faithfully,

SPO/COSP
For & on behalf of CSIR.