


Government eProcurement System		Government eProcurement System			
Tender Details		Date : 18-Feb-2021 12:56 PM			
 Print					
<b>Basic Details</b>					
Organisation Chain	Council of Scientific and Industrial Research  CSIO-Chandigarh - CSIR  Purchase-CSIO - CSIR				
Tender Reference Number	CSIO/7(60)2020-PUR				
Tender ID	2021_CSIR_70590_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	Not Applicable	Is Multi Currency Allowed For BOQ	No		
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No		
<b>Cover Details, No. Of Covers - 1</b>					
Cover No	Cover	Document Type	Description		
1	Fee/PreQual/Technical/Finance	.pdf	Electronic components as per NIT		
		.xls	Electronic components as per NIT		
<b>Tender Fee Details, [Total Fee in ₹ * - 0.00]</b>				<b>EMD Fee Details</b>	
Tender Fee in ₹	0.00		EMD Amount in ₹	0.00	No
Fee Payable To	Nil	Fee Payable At		EMD through BG/ST or EMD Exemption Allowed	
Tender Fee Exemption Allowed	No		EMD Fee Type	fixed	EMD Percentage
			EMD Payable To	Nil	EMD Payable At
					NA
					Nil
<b>Work /Item(s)</b>					
Title	Electronic components as per NIT				
Work Description	Electronic components as per NIT				
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	Electronic Components And Devices	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	10
Location	CSIR-CSIO	Pincode	160030	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	PURCHASE SECTION, CSIO.

Should Allow NDA Tender	No	Allow Preferential Bidder	No
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**Critical Dates**

Publish Date	18-Feb-2021 01:00 PM	Bid Opening Date	05-Mar-2021 03:30 PM
Document Download / Sale Start Date	18-Feb-2021 01:00 PM	Document Download / Sale End Date	04-Mar-2021 03:00 PM
Clarification Start Date	18-Feb-2021 01:00 PM	Clarification End Date	03-Mar-2021 03:00 PM
Bid Submission Start Date	18-Feb-2021 01:00 PM	Bid Submission End Date	04-Mar-2021 03:00 PM

**Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Electronic components as per NIT	3994.97

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	Tender Documents	760NIT.pdf	Electronic components as per NIT	3981.52

**Auto Extension Corrigendum Properties for Tender**

Iteration	No. of Bids less than or equal to	Tender gets extended to No. of days
1.	1	7

**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.	ramesh.eproc@csir.res.in	Ramesh Kumar	RAMESH KUMAR
3.	satya.eproc@csir.res.in	Satya Prakash Prabhakar	SATYA PRAKASH PRABHAKAR
4.	dverma.eproc@csir.res.in	Dinesh Verma	DINESH KUMAR VERMA

**GeMARPTS Details**

Reason for non availability of GeMARPTS ID	Urgent nature of Procurement
Remarks	GEM/GARPTS/12022021/PDTI83G4M7W6
Document Name	GAR.pdf
Document Size (in KB)	31.51

**Tender Inviting Authority**

Name	STORE AND PURCHASE OFFICER
Address	Purchase section , CSIR-CSIO, Chandigarh-160030

**Tender Creator Details**

Created By	Brijender Bhatnagar
Designation	SO
Created Date	18-Feb-2021 12:44 PM

सीईएसआईआर - केन्द्रीय वैज्ञानिक उपकरण संगठन  
CSIR-Central Scientific Instruments Organisation  
सैक्टर 30 सी चंडीगढ़ Sector-30C, Chandigarh 160 030

निविदा संख्या / Tender No.	CSIO/7(60)/2020-Pur	दिनांक / Issue Date:	18-02-2021
निविदा प्राप्त का अंतिम समय एवं दिनांक / Date & time of receipt of tender	04-03-2021, 3.00 P.M. तक।	निविदा खोलने का समय एवं दिनांक / Date & time of opening of Tender	05-03-2021, 3.30 P.M.

E-Tender

महोदय,

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

क्र. सं.	सामग्री का विवरण	मात्रा	बिड टाईप
1.	<b>Electronic Components as per Annexure "A"</b> <b>Note:</b> Suppliers are requested to only quote if material is ready stock and the delivery be made before 15th of March 2021.		<b>Single Bid</b>

Note:-

1. Please carefully refer all the T&C before submission of Tender to avoid rejection.
2. Bidder who doesn't manufacture the goods it offers to supply shall submit Manufacturer's 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.
3. Quote validity period must be 90 days as per our T&C and surely fill annexure 5 F.

Tender has been issued on [www.etenders.gov.in](http://www.etenders.gov.in). Prospective bidders are requested to registered themselves at [www.etenders.gov.in](http://www.etenders.gov.in) for future also and have to quote through E-Tender mode only. (No hard copy will be entertained) for Financial bid please fill BOQ.

भवदीय (Regards)



एस. पी. प्रभाकर (S.P. Prabhakar)  
भण्डार एवं क्रय अधिकारी (Stores and Purchase Officer)  
For & on behalf of CSIR-CSIO

वेबसाइट: [www.csio.res.in](http://www.csio.res.in) ई-मेल: [cosp@csio.res.in](mailto:cosp@csio.res.in), [spo@csio.res.in](mailto:spo@csio.res.in) फोन: 91-172-2672429, फैक्स: 91-172-2652651



## Specifications of electronic and electrical components

S No.	PRODUCT	SPECIFICATION	QUANTITY
1.	Flight Controller (FC)	<ul style="list-style-type: none"> <li>• Model: 2.8</li> <li>• Input Voltage:12-16V</li> <li>• Processor: ATMEGA-2560 &amp; ATMEGA 32U-2</li> <li>• Dimension: 70x45x15 mm (LxWxH)</li> <li>• Sensors: 3-axis Gyro-meter, high performance Barometer, In-Built Compass</li> <li>• Must include MUX port and I2C port</li> <li>• Must include power module for apm2.8</li> <li>• Must include shock absorber for 2.8 apm</li> </ul>	2
2.	GPS Module	<ul style="list-style-type: none"> <li>• M8N GPS with compass and connector for APM (5-pin connector)</li> <li>• 72 channel Ublox M8 engine</li> <li>• NEO M8N chip</li> </ul>	2
3.	Telemetry	<ul style="list-style-type: none"> <li>• 433 MHz 500MW telemetry for APM</li> <li>• Must include:               <ol style="list-style-type: none"> <li>1. Telemetry air module</li> <li>2. Telemetry ground module</li> <li>3. 2x2.5 DBI antenna</li> <li>4. Micro USB OTG cable</li> <li>5. 1x6 pin extra connector</li> </ol> </li> </ul>	2
4.	Transmitter & Receiver (Tx.Rx)	<ul style="list-style-type: none"> <li>• 9 channel Transmitter</li> <li>• 9-10 channel compatible receiver</li> <li>• Omni directional high quality antenna</li> <li>• S-BUS/I-BUS (communication bus port)</li> <li>• PWM support/ PPM support include PPM encoder</li> <li>• Must have a range of 2-3 km</li> </ul>	1
5.	Brushless DC Motor (BLDC Motor)	<ul style="list-style-type: none"> <li>• 170kV</li> <li>• 8Kg Max Thrust</li> <li>• 24N28P configuration</li> <li>• Max current 34Amp</li> <li>• Must be able to rotate 22 inch propeller</li> </ul>	8
6.	Electronic Speed Controller (ESC)	<ul style="list-style-type: none"> <li>• 60Amp</li> <li>• 44.8 Volts capable</li> <li>• Layered structure for efficient and reasonable heat dissipation</li> </ul>	8
7.	Propeller	<ul style="list-style-type: none"> <li>• 22x6.6 CF Carbon fibre Propeller</li> <li>• Max Thrust 11.5Kg including copper adaptor <math>\Phi 6 * \Phi 4</math></li> <li>• Including Cover for assemble the CF propeller directly 2piece M3x10 screws 4 piece</li> <li>• 2 Blade propellers</li> </ul>	6 Pair (6 clockwise 6 anticlockwise)
8.	LiPo Battery	<ul style="list-style-type: none"> <li>• 16000mah</li> <li>• 6 Cell</li> <li>• 50 C</li> <li>• 22.2V</li> </ul>	2
9.	Zip Ties	<ul style="list-style-type: none"> <li>• Generic self-locking Nylon Cable Zip-Ties</li> <li>• 300mm length</li> <li>• Black colour</li> </ul>	1 Pack (100 piece)
10.	DC Power Adopter	<ul style="list-style-type: none"> <li>• 12 V, 5 A</li> </ul>	2



## 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. Please refer our CSIO Website for complete tender terms & conditions.
  - (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](http://www.xe.com).
  - (c) The gross weight of the consignment may be intimated in the Quote/Tender/Proforma Inv. 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)/SF (Annexure) of Rs..... **(retain only if applicable).** EMD should be in favour of the Director, CSIO payable at Chandigarh. Our Banking details: State Bank of India, Sector 30-C, Chandigarh, A/c No. 30267029400, IFSC Code SBIN0001443 (Attach the document of online deposit of EMD). 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. As such, if you are manufacturer, item produced by you exemption is applicable otherwise EMD should be submitted to avoid rejection.** 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 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.
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.
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 GST & IGST are applicable vide Notification No. TU/V/RG-CDE.(37)2016, 47/2017-Integrated Tax (rate) dated 14.11.2017, 45/2017-Central Tax (rate) dated 14-11-2017, 45/2017 UT Tax (rate) dated 14-11-2017. Hence GST/IGST, if any, should be shown separately. No other charges than those mentioned clearly in the quotation will be paid. **No import should be on our behalf, therefore custom duty/import related document will not be provided.**
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 policy order no. P-45021/2/2017-PP (BE-II) dated 16-09-2020 for MII. Purchase preference benefit shall be applicable as per rule. So kindly clearly mention class of local supplier and content %.**
  - 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)**
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](http://www.csio.res.in) under the heading tenders.

Yours faithfully,

SPO  
For & on behalf of CSIR-CSIO



**Bid-Securing Declaration Form**

*(Refer para 5.1.2 (ix)(d) & 6.1.1 (02) of the CSIR Manual)*

Date: \_\_\_\_\_  
Bid No. \_\_\_\_\_

To  
Director,  
CSIR-CSIO,  
Sector-30, Chandigarh.

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown) in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of : (insert complete name of Bidder)

Dated on \_\_\_\_\_ day of \_\_\_\_\_(insert date of signing)

Corporate Seal (where appropriate)

(Note: In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid)

