



Basic Details

Organisation Chain	Council of Scientific and Industrial Research CSIO Chandigarh Purchase-CSIO-CSIR		
Tender Reference Number	CSIO/3(16)2020-Pur		
Tender ID	2021_CSIR_592480_1		
Tender Type	Global Tenders	Form of contract	Supply
Tender Category	Goods	No. of Covers	2
Payment Mode	Not Applicable	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No		

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Procurement of Thermal/IR Camera System detailed specifications as per Tender document
		.xls	Procurement of Thermal/IR Camera System detailed specifications as per Tender document
2	Finance	.xls	Procurement of Thermal/IR Camera System detailed specifications as per Tender document
		.pdf	Procurement of Thermal/IR Camera System detailed specifications as per Tender document

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00	Fee Payable To	NA	Fee Payable At	NA
Tender Fee Exemption Allowed	NA				

EMD Fee Details

EMD Amount in ₹	0.00	EMD Exemption Allowed	NA
EMD Fee Type	NA	EMD Percentage	NA
EMD Payable To	NA	EMD Payable At	NA

Work /Item(s)

Title	CSIO/3(16)2020-Pur				
Work Description	Procurement of Thermal/IR Camera System detailed specifications as per Tender document				
Pre Qualification Details	Please refer Tender documents.				
Tender Value in ₹		Product Category	Laboratory and scientific equipment	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	45
Location	Chandigarh	Pincode	160030	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Purchase Section CSIO Sector 30 Chandigarh

Critical Dates

Publish Date	25-Feb-2021 12:35 PM	Bid Opening Date	24-Mar-2021 03:30 PM
Document Download / Sale Start Date	25-Feb-2021 12:35 PM	Document Download / Sale End Date	23-Mar-2021 03:00 PM
Clarification Start Date	25-Feb-2021 12:35 PM	Clarification End Date	22-Mar-2021 03:00 PM

Bid Submission Start Date

25-Feb-2021 12:35 PM

Bid Submission End Date

23-Mar-2021 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Procurement of Thermal/IR Camera System detailed specifications as per Tender document	2297.46

Work Item Documents

S.No	Document Type	Document Name	Description	Document Size (in KB)
1	Tender Documents	NIT3(16)2020R.pdf	Procurement of Thermal/IR Camera System detailed specifications as per Tender document	2297.46

Tender Inviting Authority

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

Tender Creator Details

Created By	Satya Prakash Prabhakar
Designation	SPO
Created Date	25-Feb-2021 12:19 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/3(16)/2020-Pur	दिनांक / Issue Date:	February 25, 2021
निविदा प्राप्त का अंतिम समय एवं दिनांक / Date & time of receipt of tender	23.03.2021, 3.00 P.M. तक।	निविदा खोलने का समय एवं दिनांक / Date & time of opening of Tender	24.03.2021 at 3.30 P.M.

E-PUBLISH

Dear Sir,

We are interested to purchase the below given items/attached items. Kindly send your sealed Tender/Quotation/Proforma Invoice as per requirement. **Please refer all the terms & conditions (attached), before submission of tender.** The sealed envelope containing your quotation superscribed with our reference number and addressed to Director, CSIO should reach this office with the period as mentioned above. **Tenders/quotation received late will not be considered at all.** Tenders/quotation will be opened in the presence of suppliers's representative who wish to present themselves at that time.

Sr. No.	Name of Item	Qty	Single/Two Bid
1.	Thermal/IR Camera System Handheld (Biomedical Application) detailed specifications enclosed	One	Two Bid (Technical & Commercial)
Note:	<ol style="list-style-type: none">Please carefully refer all the Terms & Conditions (attached), before submission of Tender to avoid rejection.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.Bidders must sign and submit the attached Annexure – 5F.The successful bidder has to provide Performance Security for 3% 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/conformed from any of the commercial bank in India in an acceptable form, safeguarding the purchaser's interest in all respects.		

Tender has been e-published on www.eprocure.gov.in. Prospective bidders are requested to registered themselves at www.eprocure.gov.in for future also.

Yours faithfully



(S.P. Prabhakar)

Stores & Purchase Officer

For & on behalf of CSIR-CSIO

Website: www.csio.res.in E.Mail: spo@csio.res.in Phone: 91-172-2652082, Telefax: 91-172-2652651

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 3% 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

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 as per policy or Udyog Adhar Udyog Memorandum in respective category
 25. MSME benefits will be given to the eligible supplier as per the Govt. guidelines subject to submission of proper document
 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.
- d) No imported/foreign product will be considered to evaluate for financial comparison until local contents certificate for Class-I & Class-II is provided & passed as per guidelines.
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.

Thermal / IR Camera System Handheld (Biomedical Application) Technical Specifications

Camera Specification

Handheld Infrared thermal camera (complete system with power supply, thermal image/video acquisition & analysis software, Lens, PC based programmable interface, tripod, camera case and suitable cables etc.) with following specifications. The camera should confirm to relevant international standards. Calibration/test certification should have NIST traceability and is required to be attached with the quotation

1.	Detector type	Focal plane array (FPA), uncooled microbolometer
2.	Spectral range	7.5–14 μm or better
3.	Image Resolution (Thermal Pixels)	640x480 or better without any software enhancement.
4.	Temp. Measurement range	- 20°C to 1500°C or better
5.	Thermal sensitivity	30mk with 42 deg. Lens or better with standard lens
6.	lens viewing angle	42 Degree or better
7.	Lens connection	Interchangeable with Auto identification (Lens should be interchangeable without need to calibration- Declaration should be given by the OEM)
8.	Connectivity / Computer interface	Bluetooth, Wi-Fi and USB/GigE
9.	Input electric supply	230 VAC, 50 Hz, India
10.	Display in build	Touch screen or TFT display with Joy stick control, at least 4" or better
11.	Image refresh rate	30 Hz or better
12.	Visual Camera	5MP or better
13.	Technical analysis tool	Laser distance & area measurement tool
14.	Alarm	Audible and visual
15.	Screening mode (Human Skin temperature screening)	Should be available with accuracy $\pm 0.3\text{deg.c}$ or better
16.	Viewing Mechanism	Rotatable lens atleast 180 deg OR tilt able TFT display, at least 170° rotation and 280° tilt or better
17.	Digital zoom	1-8x digital zoom or better
18.	Image type	.jpeg radiometric format direct without any external software

19.	Battery back up	Atleast 4 hours or better, One standby battery must be provided.
20.	Storage capacity	Atleast 64GB SD Card or internal memory or better
21.	Environmental condition (Storage temperature)	-40 deg upto 65deg. C or better
22.	Environmental condition (Operating temperature)	-15 to 50 deg. Or better
23.	Analysis and control software features (Two Licences)	<p>Latest version of software is to be provided</p> <ul style="list-style-type: none"> • Facility to view, record and store images, start/stop recording options • Mathematical processing toolbox along with advanced image filtering toolbox • Should able to export images and results to bitmap, video, Excel, MATLAB or CSV Format • Image processing/analysis features like Spot, Line, Area, isotherm display • Radiometric features, time-temperature plots for live images or recordings • SDK for MATLAB and LabVIEW
24.	Lens (01 No)	<ul style="list-style-type: none"> • 24 deg. Lens
25.	Other terms:	<ul style="list-style-type: none"> • Warranty: Atleast 2 years warranty on product and 8 years on thermal detector • Training by a certified thermographer is to be provided at CSIO Chandigarh • Calibration checking facility and service centre should be available in India at respective service centre. (Declaration should be given by OEM) • If required, the vendor should be able to demonstrate the quoted camera at CSIR-CSIO, Chandigarh

Bid-Securing Declaration Form*(Refer para 5.1.2 (ix)(d) & 6.1.1 (02) of the CSIR Manual)*

Date: _____

Bid No. _____

To (insert complete name and address of the purchaser)

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

- (a) 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
- (b) 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 the 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)