

INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036

Telephone: [044] 2257 9763 E-mail: tender@imail.iitm.ac.in



Date: 03.10.2023

The Manager (Project Purchase)

Open Tender Reference No: IITMRP/DRDO/026/2023/HEATMOD

GEM NAR ID: GEM/GARPTS/26092023/M1J1OQ6WXBKD Due Date/Time: 25.10.2023@ 3:00 PM

Dear Sir/Madam,

On behalf of the Indian Institute of Technology Madras, Bids are invited in two bid system from Class-I and Class-II Local Suppliers, for the supply of: "HEATING MODULE WITH EMBEDDED AND VIRTUALLY FREE RADIATING HEATING ELEMENT" Conforming to the specifications given in Annexure -A.

Tender Documents may be downloaded from Central Public Procurement Portal https://etenders.gov.in/eprocure/app. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website https://etenders.gov.in/eprocure/app. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at "Help for Vendors". [Special Instructions to the Vendors / Bidders for the e-submission of the bids online through this eProcurement Portal"]

Bidders can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, click on "GO" button to view all IIT Madras tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website https://etenders.gov.in/eprocure/app as per the schedule attached.

	Pre-bid Meeting	:	NA
1)	Details		
2)	ICSR Vendor Registration	:	<u>Vendor Registration ID</u> . Vendor registration with IC&SR (IITM) is mandatory for bidders to participate in tenders.
			** For Vendor Registration & Guidelines, Please follow the website: https://icandsr.iitm.ac.in/vendorportal; Helpdesk: vendorhelpdesk@icsrpis.iitm.ac.in

<u>No manual bids will be accepted.</u> All tender documents including Technical and Financial bids should be submitted in the E-procurement portal.

Last date for receipt of tender		25.10.2023 @ 3:00 PM
Date & time of opening of tender	:	26.10.2023 @ 3:00 PM

3. Instructions to the Bidder:

A) Searching for tender documents		:	• There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
			 Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective "My Tender" folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document.
			• The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
<u>B)</u>	B) Assistance to bidders		 Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is [0120-4200462, 0120-4001002, 0120-4001005]
<u>C)</u>	Enrollment to Bidders Process	:	Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal URL:https://etenders.gov.in/eprocure/app by clicking on "Online Bidder Enrollment". Enrollment on the CPP Portal is free of charge. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse. Bidder then may log in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken. Possession of a Valid Class II/III Digital Signature Certificate

			 (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://etenders.gov.in/eprocure/app Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://etenders.gov.in/eprocure/app under the "Information about DSC".
<u>D)</u>	Preparation of bids	:	Bidder should take into account any corrigendum published on the tender document before submitting their bids.
			 Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
		 Bidder, in advance, should prepare the bid documents to submitted as indicated in the tender document / schedule generally shall be in PDF / XLS formats as the case may be documents may be scanned with 100 dpi with black and voption. To avoid the time and effort required in uploading the same standard documents which are required to be submitted as a part every bid, a provision of uploading such standard documents PAN card copy, GSTIN Details, annual reports, auditor certificate.) has been provided to the bidders. Bidders can use 	
			Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Documents" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.
<u>E)</u>	Submission of bids	•	Bidder should log into the site well in advance for bid submission so that he/she can upload the bid in time i.e. on or before the bid submission date and time. Bidder will be responsible for any delay due to other issues.
			The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
			Bidder has to select the bid security declaration. Otherwise, the tender will be summarily rejected.
			• A standard BOQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the detail with their respective financial quotes and other details (such as name of the bidder). If the BOQ file is found to be modified by the bidder, the bid will be rejected.
			• The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The

		bidders should follow this time durir	g bid submission.
		 The Tender Inviting Authority (TIA for any sort of delay or the difficulti of bids online by the bidders due to l 	es faced during the submission
		 The uploaded tender documents be tender opening by the authorized bid 	
		 Upon the successful and timely sub give a successful bid submission me displayed with the bid no. and the di bid with all other relevant details. 	ssage & a bid summary will be
		 Kindly add scanned PDF of all releving file of compliance sheet. More information useful for submature Portal may be obtained at: https://ete All tender documents including pre-&Financial Bid should be submitted as per the specified format only. Retender which fails to comply with manual bid submission will be entered 	atting online bids on the CPP nders.gov.in/eprocure/app. qualification bid, Technical Bid separately in online CPP portal light is reserved to ignore any h the above instructions. No
<u>F)</u>	Marking on Technical Bid	The bidder eligibility criteria, technitem for this tender is given in Anne.	
		• The Bidders shall go through the technical bid.	specification and submit the
		 The Technical bid should be subtraction. Annexure-B in pdf format only manual submission of bid will be entitled. 	hrough online (e-tender). No
		 The technical bid should have a pa Bid" and page no. in all pages with signatory. The total no. of pages sh page of the documents. 	seal and signature of authorized
		 The technical bid should consist of and all technical details along with give a detailed description of producthat technical compliance can be ver 	catalogue/ pamphlet which will ct with technical data sheet so
<u>G)</u>	Marking on Price Bid	 Financial bid (BoQ) should be subm format as per Annexure-C in xls for manual or other form of submissio entertained 	mat through e-tender only. No

4) **Preparation of Tender**: The bidders should submit the bids in two bid system as detailed below. Bid I _Technical Bid The technical bid should consist of bidder eligibility criteria and technical specification compliance sheet as per Annexure-B. Bid II _Price Bid The price bid should be submitted in excel format (BoQ) as per the proforma (Annexure C) uploaded in the e-Tender web site. The Quoted price should be for supply and installation of the item and inclusive of all cost and statutory levies at IIT Madras. 5) **Price:** a) The price should be quoted only in INR net per unit (after breakup) and must include all packing, transit insurance and delivery charges to the **DIA-RCoE**, **IITM RESEARCH** PARK, E- Block, 5th floor, Kanagam Road, Taramani, Chennai 600113 b) The rate quoted shall be all inclusive of all taxes and no extra payment will be made other than statutory revisions as per the terms and conditions stipulated in this contract document. c) The percentage of tax & duties should be clearly indicated separately. IIT Madras is eligible for custom duty (5.5%). Relevant certificates will be issued wherever necessary. d) The offer/bids should be submitted through online only in two bid system i.e. Technical Bid and Financial Bid separately. **6**) Tenderer shall submit along with this tender: (i) Proof of having ISO or other equivalent certification given by appropriate authorities. (ii) Name and full address of the Banker and their swift code and PAN No. and GSTIN number. (iii) GST registration proof showing registration number, area of registration etc. (iv) All of your future correspondences including Invoices should bear the GST No. and Area Code. 7) Terms of Delivery: Supplier will be fully responsible for the safe carriage, Installation/Commissioning of goods up to the DIA-RCOE, IITM RESEARCH PARK, E- Block, 5th floor, Kanagam Road, Taramani, Chennai 600113 or named place as per PO, Insurance coverage will be in the scope of the supplier. The tenderer should indicate clearly the time required for delivery of the item (subject to the approval of the Executive Committee-IIT-Madras). In case there is any deviation in the delivery schedule, liquidated damages clause will be enforced or penalty for the delayed supply period will be levied. In the event of delay or non-supply of materials/execution of Contract beyond the date of delivery/completion of job. The penalty will be levied @1% per week of delay subject to a max of 10% of the value of purchase order and if the delay is more than accepted time frame by IIT M, the PO would be partially or fully cancelled and liquidated damages will be enforced accordingly. Period for which the offer will remain open: 8) The Tender shall remain open for acceptance/validity till: 120 days from the date of opening of the tender. However, the day up to which the offer is to remain open being declared closed holiday for the Indian Institute of Technology Madras, the offer shall remain open for acceptance till the next working day. EMD: NA 9)

10)	Performance Security: - NA	
11)	For the same tender, either the OEM or the authorized dealer/service provider can only quote. But both of them cannot quote separately for the same tender.	
12)	The offers/bids should be sent only for a item/Equipments of latest version that is available in the market and supplied to a number of customers. A list of customers in India with details must accompany the quotations. Quotations for a prototype machine will not be accepted	
13)	Original catalogue (not any photocopy) of the quoted model duly signed by the principals must accompany the quotation in the Technical bid.	
14)	Compliance or Confirmation report with reference to the specifications and other terms & conditions should also be obtained from the principal/OEM.	
15)	Risk Purchase Clause	
	In the event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from other sources on the total risk of the supplier under risk purchase clause.	
16)	Payment:	
	(i) No Advance payment will be made. However, 90% Payment against Delivery and 10% after installation are agreed to wherever the installation is involved.	
	(ii) Advance Payment: No advance payment is generally admissible. In case a specific percentage of advance payment is required, the Vendor has to submit a Bank Guarantee from a scheduled commercial bank in India equivalent to the amount of advance payment.	
17)	On-site Installation:	
	The equipment/item or Machinery has to be installed or commissioned by the successful bidder within the number of days (as prescribed by PI) from the date of receipt of the item at the site of IIT Madras.	
18)	Warranty/Guarantee:	
	The offer should clearly specify the warranty or guarantee period for the machinery/equipment. Any extended warranty offered for the same has to be mentioned separately (For more details please refer our Technical Specifications).	
	** Note: PO which involves installation, warranty/guarantee shall be applicable from date of installation.	
19)	Acceptance and Rejection:	
	Failure to comply with any of the instructions stated in this document or offering unsatisfactory explanations for non-compliance will likely to lead to rejection of offers.	
	I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.	
20)	Debarment from Bidding:	
	In case of breach of Terms & Conditions, Bidder may be suspended from being eligible fo bidding in any contract with the IIT Madras up to 2 Years [as per Rule 151(iii) of GFR] from the date of Tender.	
21)	Disputes and Jurisdiction:	
	Settlement of Disputes: Any dispute, controversy or claim arising out of or in connection with this PO including any question regarding its existence, validity, breach or termination, shall in the first instance be attempted to be resolved amicably by both the Parties. If attempts for such amicable resolution fails or no decision is reached within 30 days whichever is earlier, then such disputes shall be settled by	

arbitration in accordance with the Arbitration and Conciliation Act, 1996. Unless the Parties agree on a sole arbitrator, within 30 days from the receipt of a written request by one Party from the other Party to so agree, the arbitral panel shall comprise of three arbitrators. In that event, the supplier will nominate one arbitrator and the Project Coordinator of IITM shall nominate on arbitrator. The Dean IC&SR will nominate the Presiding Arbitrator of the arbitral tribunal. The arbitration proceeding shall be carried out in English language. The cost of arbitration and fees of the arbitrator(s) shall be shared equally by the Parties. The seat of arbitration shall be at IC&SR IIT Madras, Chennai.

- a. **The Applicable Law:** The Purchase Order shall be construed, interpreted and governed by the Laws of India. Court at Chennai shall have exclusive jurisdiction subject to the arbitration clause.
- b. Any legal disputes arising out of any breach of contact pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Chennai in Tamil Nadu.
- **Force Majeure:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

23) Eligibility Criteria:

- As per the Government of India Order, only "Class I Local Suppliers" and "Class II Local Suppliers" can participate in this tender.
- > Bidder should confirm their acceptance that they comply with the provisions with report to "Guidelines for eligibility of a bidder from a country which shares a land border with India as detailed at Annexure-E. The bidder should submit Certificate for "Bidder from/Not from Country sharing Land border with India & Registration of Bidder with Competent Authority" as per Order of DoE F.No.6/18/2019-PPD dated 23.07.2020 as mentioned.
- Preference to "class I Local Suppliers": preference will be given to "class 1 local suppliers" (subject to class -I local supplier's quoted price falling within the margin of purchase preference) as per public procurement (preference to make in India) order 2017 .O.M No P- 45021/2/2017 pp(BE 11) dt 04/06/2020 subject to the conditions that the "class 1 Local Supplier" should agree to supply goods / provide service at L1 rate and furnish a certificate with the technical bid document that the goods/service provided by them consists local content equal to or more than 50%.(certificate from Chartered Accountant in case value of contract exceeds Rs 10 crore).
 - > 'Class I local supplier' means a supplier or service provider whose goods, services or works offered for procurement consists of local content equal to or more than 50% as defined under the above said order. Declaration to be provided as per Annexure-D per item/service/work.
 - ➤ 'Class II local supplier' means a supplier or service provider whose goods, services or works offered for procurement consists of local content equal to 20% but less than 50% as defined under the above said order. Declaration to be provided as per Annexure-D per item/service/work.
 - ➤ 'Margin of purchase preference': The margin of purchase preference shall be 20%. The Definition of the margin of purchase preference is defined in the Govt. of India Order No: P-45021/12/2017-PP (BE-II) Dt.4th June, 2020) Order 2017. As per the Government of India

	Order – "Margin of Purchase Preference" means the maximum extent to which the price quoted by a "Class-I local supplier" may be above the L1 for the purpose of purchase preference. **Note: Local content percentage to be calculated in accordance with the definition provided at clause 2 of revised public procurement preference to Make in India Policy vide GoI Order no. P-45021/2/2017-PP (B.EII) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P-45021/102/2019-BE-II-Part(1) (E-50310) Dt.4th March 2021
25)	Evaluation of Bids Bid evaluation will take place in two stages. Stage I Technical Bid evaluation
	All bidders who have fully complied with bidder eligibility criteria I, II and technical evaluation (Annexure A) will only be considered for opening of price bid.
	Stage II: Price Bid Evaluation The price bid evaluation will be based on price quoted by the bidder. The rate quoted for HEATING MODULE WITH EMBEDDED AND VIRTUALLY FREE RADIATING HEATING ELEMENT unit will alone be taken up for arrival of Lowest Bid (L1) value.
26)	Selection of successful bidder and Award of Order The order will be directly awarded to the technically qualified bidder as per the condition in para 3A of DIPP, MoCI Order No. 45021/2/2017-PP (BE II) dated 16th September 2020.
27)	All information including selection and rejection of technical or financial bids of the prospective bidders will be communicated through e-Tender portal. In terms of Rule 173(iv) of General Financial Rule 2017, the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of bids.
28)	The tenderer shall certify that the tender document submitted by him / her are of the same replica of the tender document as published by IIT Madras and no corrections, additions and alterations made to the same. If any deviation found in the same at any stage and date, the bid / contract will be rejected / terminated and actions will be initiated as per the terms and conditions of the contract.
29)	Clarification to the queries and doubts raised by the bidders will be issued as a corrigendum/addendum in the e-tenders portal.
30)	In the e-tender process, participation of bidders after the due date is not possible. The eligible bidders can login to the e-Procurement portal to ascertain the tender status.

ACKNOWLEDGEMENT

It is hereby acknowledged that I/We have gone through all the points listed under "Specification, Guidelines, Terms and Conditions" of tender document. I/We totally understand the terms and conditions and agree to abide by the same.

SIGNATURE OF TENDERER ALONG WITH SEAL OF THE COMPANY WITH DATE

Bidder Eligibility Criteria and Technical Specification for HEATING MODULE WITH EMBEDDED AND VIRTUALLY FREE RADIATING HEATING ELEMENT Tender No. IITMRP/DRDO/026/2023/HEATMOD

1.0 Bidder Eligibility Criteria – I (Public Procurement – Preference to Make in India)

Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE-II) dated 16th September 2020 and other subsequent orders issued therein.

2.0 Technical Specification for HEATING MODULE WITH EMBEDDED AND VIRTUALLY FREE RADIATING HEATING ELEMENT

S. No	Specification			
1	Heating module with embedded and virtually free radiating heating element			
	The furnace should be constructed with low thermal mass and thermal conductivity of vacuum-form ceramic fiber components with embedded electric heating elements. Heating wire (~ diameter 5mm 1 mm) should be formed in a spiral form and fit using ceramic spacers into the inner surface of vacuum formed ceramic fiber module in the shape of a cylindrical tube. Relative density of ceramic fiber 2.5-2.75. The heating element should lie on the inner surface of the insulation and freely radiating.			
2	Maximum Temperature: Maximum element temperature 1300°C. Maximum continuous operating temperature 1200 °C (30 days). Element should to be made from FeCrAl wire.			
3	1. Tube heating system #1 Dimensions: a. Inner diameter: 100 mm b. Outer diameter: 270 mm c. Element length: 220 mm d. Terminal: 150 mm e. Voltage: 30 V +/- 5 V f. Power: 2000 W at 60 A +/- 200 W g. Resistance: ~ 0.5 ohm			

Tolerance in inner diameter, outer diameter and element length \pm 6 mm. 2. Tube heating system #2 Dimensions: Inner diameter: 150mm Outer diameter: 350 mm c. Element length: 220 mm Terminal: 215 mm Voltage: 50 V +/- 5 V Power: 3000W at 60A +/- 200 W Resistance: ~ 0.8 ohm Tolerance in inner diameter, outer diameter and element length \pm 6 mm Accessories: 4 a. Flexible bead-insulated connecting leads (joining sleeves, flexible cord, insulating tubes, insulating beads), **b.** Protection tubes for thermocouples Adhesive **d.** Cement felt for connecting between modules, Mounting hooks Necessary accessories for connecting the heating modules should be provided Installation: 5 The equipment should be installed, tested for its functionality at user site by supplier 6 Acceptance Criteria: a. Offers would be accepted only from Original Manufacture or Their authorized dealers only. A certificate of the material properties listed in the tender need to be certified by the original manufacturer product catalogue in English and submitted along with the tender otherwise their offer would be not accepted for evaluation. **b.** Also offers would be accepted form only those manufacturers who possess ISO 9001 certificate. After installation supplier will impart training of Scientists for safe operation of the system and troubleshooting

7	Quantity:						
	1. Tube heating system $#1 - 2$ nos.						
	2. Tube heating system $\#2-2$ nos.						
Terms an	Terms and Condition						
8	8 Warranty:						
	1 year from the date of installation						
9	9 Delivery period:						
	Within 12 weeks						

TECHNICAL BID PROFORMA

Tender No. IITMRP/DRDO/026/2023/HEATMOD

Item Name: HEATING MODULE WITH EMBEDDED AND VIRTUALLY FREE RADIATING HEATING ELEMENT

1.0 Bidder Eligibility Criteria:

I	Bidder Eligibility Criteria-I (Public Procurement – Preference to Make in India)	Class I / Class II	Local Content value	Reference, Page No.
I	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16 th September 2020 and other subsequent orders issued therein.			

$2.0 \ Technical \ Specification \ for \ HEATING \ MODULE \ WITH \ EMBEDDED \ AND \ VIRTUALLY \ FREE \ RADIATING \ HEATING \ ELEMENT$

S. No	Specification	Complied/not complied	Reference page No.
1	Heating module with embedded and virtually free radiating heating element		
	The furnace should be constructed with low thermal mass and thermal		
	conductivity of vacuum-formed ceramic fiber components with		
	embedded electric heating elements. Heating wire (~ diameter 5mm \pm		
	1 mm) should be formed in a spiral form and fit using ceramic spacers		
	into the inner surface of vacuum formed ceramic fiber module in the		
	shape of a cylindrical tube. Relative density of ceramic fiber 2.5-2.75.		
	The heating element should lie on the inner surface of the insulation		
	and freely radiating.		
2	Maximum Temperature:		
	Maximum element temperature 1300°C. Maximum continuous		
	operating temperature 1200 °C (30 days). Element should to be made		
	from FeCrAl wire.		
3	1. Tube heating system #1		
	Dimensions:		
	a. Inner diameter: 100 mm		
	b. Outer diameter: 270 mm		
	c. Element length: 220 mm		
	d. Terminal: 150 mm		
	e. Voltage: 30 V +/- 5 V		

	f.	Power: 2000 W at 60 A +/- 200 W	
	g.	Resistance: ~ 0.5 ohm	
	Toleran	nce in inner diameter, outer diameter and element length ± 6	
	mm.		
	2.	Tube heating system #2	
		Dimensions:	
	a.	Inner diameter: 150mm	
	b.	Outer diameter: 350 mm	
	c.	Element length: 220 mm	
	d.	Terminal: 215 mm	
	e.	Voltage: 50 V +/- 5 V	
	f.	Power: 3000W at 60A +/- 200 W	
	g.	Resistance: ~ 0.8 ohm	
	Toleran	nce in inner diameter, outer diameter and element length \pm 6	
	mm		
4	Accesso	ories:	
	a.	Flexible bead-insulated connecting leads (joining sleeves, flexible cord, insulating tubes, insulating beads),	
	b.	Protection tubes for thermocouples	
	c.	Adhesive	
	d.	Cement felt for connecting between modules,	
	e.	Mounting hooks	
	Necessa provide	ary accessories for connecting the heating modules should be	
5	Installa	tion:	
	The equ	uipment should be installed, tested for its functionality at user	
	site by s	supplier	
6	Accepta	ance Criteria:	
	a.	Offers would be accepted only from Original Manufacture or	
		Their authorized dealers only. A certificate of the material	
		properties listed in the tender need to be certified by the	
		original manufacturer product catalogue in English and	
		submitted along with the tender otherwise their offer would	
		be not accepted for evaluation.	
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	b. Also offers would be accepted form only those manufacturers who possess ISO 9001 certificate.				
	c. After installation supplier will impart training of Scientists for safe operation of the system and troubleshooting				
7	Quantity: 1. Tube heating system #1 – 2 nos. 2. Tube heating system #2 – 2 nos.				
Terms and Conditions					
8	Warranty: 1 year from the date of installation				
9	Delivery Period: Within 12 weeks				

(Note: It is mandatory for the bidders to provide the compliance statement (comply/not comply) for the above points with document proof as required). If the compliance statement (comply/Not comply) is not furnished for the evaluation. Bidders will be disqualified.

SIGNATURE OF BIDDER ALONG WITH SEAL OF THE COMPANY WITH DATE

FINANCIAL BID (PROFORMA) - BILL OF QUANTITIES (BOQ)

Item Name: HEATING MODULE WITH EMBEDDED AND VIRTUALLY FREE RADIATING HEATING ELEMENT

Tender No. IITMRP/DRDO/026/2023/HEATMOD

It. No	Description of work	Quantity	Units	Basic Rate in INR	GST in Percentage	Total Amount with taxes in INR
1	Tube heating system #1 with 1 year warranty period	2	No.			
2	Tube heating system #2 with 1 year warranty period	2	No.			
	Grand Total					

Total Amount Rupees in words	
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$\frac{FORMAT\ FOR\ AFFIDAVIT\ OF\ SELF-CERTIFICATION\ UNDER\ PREFERENCE\ TO\ MAKE\ IN}{INDIA-PER\ ITEM}$

Tender Reference Number:
Name of the item / Service:
Date: I/WeS/o, D/o, W/o, Resident of
Hereby solemnly affirm and declare as under:
That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide GoI Order no. P-45021/2/2017-PP (B.EII) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part (1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and
That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.
Tick (✓) and Fill the Appropriate Category
I/We [name of the supplier] hereby confirm in respect of quoted items thatLocal Content is equal to or more than 50% and come under "Class-I Local Supplier" category. I/We [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to 20% but less than 50% and come under "Class-II Local Supplier" category.
 The details of the location (s) at which the local value addition is made and the proportionate value of local
content in percentage Address Percentage of Local content:%
For and on behalf of(Name of firm/entity)
Authorized signatory (To be duly authorized by the Board of Directors) <insert and="" contact="" designation="" name,="" no.=""></insert>
[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

This letter should be on the letterhead of the quoting firm and should be signed by a competent authority. Non-submission of this will lead to Disqualification of bids.

	(To be given on the letter head of the bidder)
No	Dated:
	<u>CERTIFICATE</u>
	(Bidders from India)
<u> </u>	ng restrictions on procurement from a bidder of a country which shares a eby certify that I am not from such a country.
	OR (whichever is applicable)
(Bidder	s from Country which shares a land border with India)
land border with India and he been registered with the Comp	ng restrictions on procurement from a bidder of a country which shares a reby certify that I from (Name of Country) and has betent Authority. I also certify that I fulfil all the requirements in this regard d. (Copy/ evidence of valid registration by the Competent Authority is to be
Place: Date:	Signature of the Tenderer Name & Address of the Tenderer with Office Stamp

OEM CERTIFICATION FORM (In Original Letter Head of OEM)

Tender No:			D	ated:		
We are Original Equipme		,		•		
company) Ms			. (Name of the	ne vendor) is o	ne of our	
Distributors/Dealers/Resel	lers/Partners	(tick	one)	for	the	
			and is	participating	in the	
above-mentioned	tender	by	offering	our	product	
nodel(Name of the product with model number).						
			. is authoriz	ed to bid, sell	and provid	de
service support warranty f	or our product					
as mentioned above						

Name and Signature of the authorized signatory of OEM along with seal of the company with Date

<u>TENDER CHECKLIST – Mandatory to be filled and sent (inside the Main Bid Cover)</u> <u>along with Bidding Document.</u>

1.	I have registered as a Vendor with IC&SR. (Proof to be enclosed)			
2.	Technical bid cover and Financial Bid cover to be submitted separately.			
3.	Completed and Signed Form of Tender . The Form of Tender document shall be signed by a person legally authorized.			
4.	Completed Technical Compliance Statement.			
5.	Evidence of similar contracts completed/Product supplied in case if the details are requested in Annexure - A			
6.	Certification of Class I / Class II to be submitted (As a part of technical bid) per item / service / work as per Annexure D			
7.	Land Border (Annexure – E)			
8.	Authorized agent certificate from OEM is mandatory if Indian agent/Indian office of OEM is participating in this tender on behalf of OEM. (Ref. tender document pg.no. 6 Point no.11) Annexure F			
The bid will be valid only if all the above documents are provided. Bidders are asked to supply and tick off the required information. Failure to provide any of the stated documents may result in the bid being considered as non-compliant and				

rejected.

Signature of the Bidder

FORM - A NON-BLACKLISTING DECLARATION

Date: XXXX

To,

The Indian Institute of Technology Madras,

Sardar Patel road,

Guindy, Chennai - 600036

Dear Sir,

- a. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this assignment.
- b. We are not blacklisted by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities in last XX years.

Sincerely,

[BIDDERS NAME]

Name

Title Signature