

Maulana Azad

National Institute of Technology Bhopal- 462 003

(An Institution of National Importance under MoE, Govt. of India)



LIMITED TENDER ENQUIRY
FOR
*SUPPLY AND INSTALLATION OF ELECTROPOLISHER IN DEPARTMENT OF
MECHANICAL ENGINEERING*

Website: www.manit.ac.in
Email Address: info@manit.ac.in

Fax No: 0755-2670562
Telephone No: 0755-4051000, 0755-4052000

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No. MANIT/ME/2022: 5468

Date: 22/06/2022

NOTICE INVITING TENDERS

Sub: ***Supply and installation of Electropolisher in Department of Mechanical Engineering***

Tenders are invited for ***supply and installation of Electropolisher in the Department of Mechanical Engineering***. Interested Manufacturers/Authorized Partner/Agencies may log on Institute website www.manit.ac.in and CPPP website www.eprocure.gov.in/epublish/app for further details. Tender Document can be downloaded and the duly completed be submitted to the Assistant Registrar, Stores & Purchase, Maulana Azad National Institute of Technology- Bhopal- 462 003.

Last date of receipt of complete tender document is **13/07/2022** up to 12.00 hours. The Director of the Institute reserves the right to accept or reject any or the entire tender in full or in part without assigning any reason whatsoever.

Registrar

Maulana Azad
National Institute of Technology Bhopal- 462 003

IMPORTANT INFORMATION AT A GLANCE		
Tender No. & Date	No. MANIT/ ME/2022:5468	
	Date: 22/06/2022	
SCOPE OF TENDER		
Brief Description of Goods/Items	Quantity	Remarks
Supply and Installation of Electropolisher	01	Detailed Specification at Annexure-I
Estimated cost of Tender	Rs. 4, 90, 000/-	
Location of Supplies & Installation	Department of Mechanical Engineering at Institute	
TENDER DOCUMENT		
Tender Document can be downloaded free of cost from Institute website www.manit.ac.in and CPPP website www.eprocure.gov.in/epublish/app		
Last Date & Time of Submission of Tender	13/07/2022 up to 12:00 hours	
Date & Time of Opening of Bids	14/07/2022 at 15:00 hours	
Tender Validity period	60 days from the date of opening of the Technical Bid	
Delivery/ Supply period	04 to 06 weeks from the date of issue of Supply Order	
Warranty Period	01 year from the date of successful Installation & Commissioning of equipments/ items	
Bid Security/ EMD	NIL	
Performance Security	5% on total Value of PO	
Details of Contact Persons for Query if any		
Name: Dr. Abhinav Varshney Designation: Assistant Professor Tel No: 0755-4051636 Email: abhinav.varshney1@gmail.com	Name: Mr. Rahid Khan Designation: Supdt. Mechanical Engg. Tel No: 9893732028 Email:	

INSTRUCTIONS TO BIDDERS	
1	Scope of Supplies & Work:
a	The Goods/ Items shall be supplied as per the Bill of Quantity and Specifications mentioned in ANNEXURE-I . However higher specification of equipment may be considered subject to their cost economics competitiveness.
b	Bidder should supply illustrated leaflet giving technical details of Goods/ Item and attach the same with the tender to facilitate evaluation.
c	Bidder should quote the price of only one best & appropriate model of Goods/Item available with them.
d	Bidder should quote preferably other than made in China items as mentioned in the Bill of Quantity due to current relation between India & China. Certificate of origin shall also be submitted along with the bid.
e	Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only. The warranty/AMC required must be specified
f	After the supply of Goods/ Items & Accessories as mentioned in the ANNEXURE-I , the bidder has to execute its installation at the designated location(s). No extra cost shall be paid for this reason.
2	Delivery of Supplies & Installation:
a	The purchaser interested for complete delivery of equipments along with Installation, Testing and Commissioning within the period as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. However, the bidder has an option to submit the best delivery with installation time.
b	The material shall be inspected on receipt at site and bidder shall be responsible for any damage during the transit of Goods/Items.
c	The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/ installation shall be obtained by bidder in his own name and not in the name of purchases.
3	Warranty & After Sales Services:
a	The bidder shall offer on-site comprehensive warranty of equipments as mentioned at IMPORTANT INFORMATION AT GLANCE sheet at the designated location & shall cover each and every part of the equipments including parts having limited life etc. The purchaser is not liable to pay any extra charges on any account during warranty period.
b	The bidder shall ensure to render after sales services during the warranty period to the satisfaction of purchaser.
c	The performance security at the rate 5% of the total value is required in favour of Institute for the warrantee period plus sixty days extra.
4	Eligibility Criteria:
a	Bidder should have registered with appropriate Authority.
b	Bidder should have minimum annual turnover (Double value of estimated cost of tender) in last year. CA certification in this regard is to be submitted.
c	Bidder should have GST Number & Income PAN both.
d	OEM Authorization Letter

5	Amendment of Tender Document:	
	a	At any time prior to the date submission of bids, the purchaser, may, for any reason, whether at its own initiative or in response to a clarification sought by a prospective bidder, amend bid document by issuing corrigendum. The corrigendum will be notified/ published in e-tendering website www.eprocure.gov.in/epublish/app and Institute website only.
6	Price Bid	
	a	The Prices should be quoted in Indian Rupees only.
	b	Purchaser (being a research Institution) is registered with the Department of Scientific & Industrial Research (DSIR) for the purpose of availing custom duty exemption in terms of GoI Notification No. 51/96-Customs dated 23 July 1996. The bidder should quote their prices considering the exemption certificate. If any certification needed by bidder, may be given to avail this benefit.
	c	Government of India, Ministry of Finance (Department of Revenue) Notification No: 47/2017 integrated Tax dated 14/11/2017, the NITs are exempted from GST in excess of the amount calculated at the rate of 5% (Five per cent) under the following categories: (a) Scientific and technical Instruments, Apparatus, Equipment (including Computers); (b) Accessories, Parts, Consumables and live animals (experimental purpose); (c) Computer Software, Compact Disc-Read only Memory (CD-ROM), recorded magnetic tapes, Microfilms, Microfiches; (d) Prototypes, the aggregate value of prototypes received by an institution does not exceed fifty thousand rupees in financial years. The bidder should quote their prices considering the exemption. If any certification needed by bidder, may be given to avail this benefit.
	d	Bidder shall take into account all costs including unloading at the location of purchaser, cartage etc. for giving delivery of material at site(s) before quoting the rates. In this regard no claim what so ever shall be entertained.
	e	The bidders are advised not to indicate any separate discount. Discount, if any, should be merged with the quoted unit prices.
	f	The price quoted in price bid shall be firm but subject to change in rate of applicable taxes if any.
	g	The Bidder should avoid the use of vague term such as “Extra as applicable”. Such offers shall be treated as non-responsive.
	h	No extra payment shall be paid on account of any discrepancy in nomenclature of items. The bidder shall seek clarifications if any before submitting the tender.
7	Bid Submission:	
	The tender must be placed in a properly sealed envelope super-scribed “ <i>Tender for the supply and installation of Electropolisher.</i> ” with tender inquiry number and its due date addressed to The Director, Maulana Azad National Institute of Technology- Bhopal- 462003 and must reach the office of The Assistant Registrar-Stores & Purchase, Maulana Azad National Institute of Technology, Bhopal on or before as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. The sealed Envelop should be consisting of followings:	
	a	Copy of Certificate of Registration of firm, GST Number and Income Tax PAN.

	b	Certificate mentioning of Turnover for the last year and OEM authorization letter.
	c	BOQ Annexure-I and Price Bid Annexure-II duly filled and signed.
8	Evaluation of Bids:	
	The Institute shall evaluate all the items together or separately depending upon nature of items of circumstance and compare the quotations determined to be substantially responsive i.e. which	
	a	are properly signed;
	b	Confirm to the eligibility criteria of the vendor; and
	c	Confirm to the terms & conditions, and technical specifications.
	d	In case, required goods/items in this tender are independent and complete in nature. Institute may evaluate independently as far as price is concerned for placing order(s).
9	Validity of Tender:	
	a	The tender shall be valid as mentioned at IMPORTANT INFORMATION AT GLANCE sheet. Terms and financial details submitted in the bid shall be treated as firm during the validity period.
	b	In exceptional circumstances, prior to the expiry of the bid validity period, the purchaser may request bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.
10	Notification of Award:	
	a	Prior to the expiry of the period of bid validity, the purchaser shall notify the successful bidder, in writing, that its bid has been accepted. The notification letter shall specify the sum that the purchaser will pay to the bidder in consideration of the <i>Supply and installation of Electropolisher</i> with the details of selected location.
	b	Purchase/ Contract order shall preferably be issued in favour of bidder. Bidder may request in advance for issuance of Purchase/ Contract order in favour of OEM of product. In this case billing and payment shall be made to OEM only.
11	Penalty Clause:	
	a	The bidder shall indicate the period within which the ordered quantity will be supplied along with Installation & Commissioning of Goods/ Items. The bidder shall note that in case bidder fails to do so within the period of delivery indicated by the bidder in price bid of this tender, penalty @ 0.50 % on total value of the PO per week of delay would be levied subject to maximum 20 weeks. It means, the bidder shall have the liability of delayed supply to the maximum of 20 weeks after expiry of scheduled delivery date.
12	Terms of Payment:	
	a	The Payment shall be made within 30 days by purchaser after supply and installation of Goods/ Items.
	b	The payment of AMC shall be staggered over the period of AMC and be made at the end of each Quarter.
13	Jurisdiction:	
	a	In the event of any dispute the legal matter shall be subjected to the jurisdiction of Bhopal court only.

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BILL OF QUANTITY

SN	Technical Specification	Quantity	Remarks																								
1	<p><u>Supply and Installation of Electropolisher</u> An electropolisher with following specifications for polishing metals and alloys in which surface will be removed from the surface by making metal/alloy anode in an electrolytic bath has to be supplied and installed at MANIT Bhopal.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Polishing load</td> <td>Variable voltage ranging from 0 V to not less than 60 V and variable current ranging from 0 Amp to not less than 5 Amps.</td> </tr> <tr> <td>Etching load</td> <td>Variable voltage value ranging from 0 V to not less than 20 V and variable current ranging from 0 Amp to not less than 3 Amps.</td> </tr> <tr> <td>Polishing/etching timers</td> <td>Variable time ranging from 0 s to not less than 90 s</td> </tr> <tr> <td>Electrolyte flow</td> <td>Variable flow</td> </tr> <tr> <td>Polishing cell capacity</td> <td>Not less than 500 ml</td> </tr> <tr> <td>Area exposed for electropolishing</td> <td>More than 1600 mm²</td> </tr> <tr> <td>Specimen placement</td> <td>Specimen should be easily clamped and removed</td> </tr> <tr> <td>Pump motor</td> <td>Corrosion resistant casing, power not less than 100 Watts</td> </tr> <tr> <td>Electrolytes</td> <td>At least 01 Ltr. electrolyte each for stainless steels and low carbon steels to be provided with the polisher</td> </tr> <tr> <td>Working Voltage</td> <td>Single phase 230 V AC</td> </tr> <tr> <td>Accessories</td> <td>Polishing masks of various diameters, electrolyte reservoir with protection lid, suitable connection cables, working/maintenance manual.</td> </tr> <tr> <td>Installation</td> <td>At MANIT Bhopal</td> </tr> </table>	Polishing load	Variable voltage ranging from 0 V to not less than 60 V and variable current ranging from 0 Amp to not less than 5 Amps.	Etching load	Variable voltage value ranging from 0 V to not less than 20 V and variable current ranging from 0 Amp to not less than 3 Amps.	Polishing/etching timers	Variable time ranging from 0 s to not less than 90 s	Electrolyte flow	Variable flow	Polishing cell capacity	Not less than 500 ml	Area exposed for electropolishing	More than 1600 mm ²	Specimen placement	Specimen should be easily clamped and removed	Pump motor	Corrosion resistant casing, power not less than 100 Watts	Electrolytes	At least 01 Ltr. electrolyte each for stainless steels and low carbon steels to be provided with the polisher	Working Voltage	Single phase 230 V AC	Accessories	Polishing masks of various diameters, electrolyte reservoir with protection lid, suitable connection cables, working/maintenance manual.	Installation	At MANIT Bhopal	01	
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NB: Drawing/ Design is enclosed herewith.

We confirm with our acceptance to the technical specification as given above.		
Date:		BIDDER'S NAME & SIGNATURE WITH SEAL

		ANNEXURE- II
FORMAT FOR SUBMISSION OF BID PRICE		
To, The Director MANIT- Bhopal- 462 003		

Sub:	Price Bid with reference to Tender Document No: MANIT/ME/2022: 5468 , dated 22/06/2022
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SN	Product Description with make & Model	Discounted unit price	Qty	Qty Price	GST	Total Price
1	2	3	4	5	6	7(5+6)
1.	ELECTROPOLISHER		01			
Total offered Price						
Total (In Words):						
Delivery Period required:						
The followings things are confirmed and undertake by us that:						
a	The price quoted above are inclusive of basic price, statutory levies and taxes, duties, Transportation, Incidental services (including Insurance, Loading/ unloading, Packing & Forwarding charges, Installation etc.) at site.					
b	Taxes are subject to change/ revision.					
c	We agree with the terms and conditions specified in "Instructions to Bidders" and if selected, the execution of supplies would be made in compliance.					

Date:	Signature of Authorized Bidder with proper rubber stamp
	Name:
	Designation:
	Mobile No: