

THE UNIVERSITY OF BURDWAN

Dr. Deb Kumar Panja

Registrar



Contact details (office):

P.O. Rajbati, Burdwan, PIN-713104

Ph.: 0342-2634015

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Notice Inviting Tender(3rd call)

Tender Ref. No: PHYS/SERB/AD/Tend/001/3rd Call

Date: 16.03.2018

E-tenders are hereby invited for the item as per detailed specifications from the Original Equipment Manufacturer (OEM) or their authorized representatives in India for supply and installation of “Planetary Micro mill with necessary accessories” for SERB EMR Project No. EMR/2017/000325 dt 11 July, 2017, entitled “**Structural And Charge Carrier Dynamics Study Of Heavy Metal Oxide Based Nanostructures For Futuristic Electrolyte Application In SOFC**” under Dr. Abhigyan Dutta, Principal Investigator (PI) and Assistant Professor, Department of Physics, The University of Burdwan.

The tender must be submitted through **on line only and must be addressed to-**

Dr Abhigyan Dutta, PI, SERB-EMR Project
Department of Physics, The University of Burdwan
Golapbag, Burdwan 713 104, INDIA

1. For e-filing, intending bidder may download the e-tender documents from the website <https://wbtenders.gov.in> directly with the help of Digital Signature Certificate.
2. Bid shall remain valid for a period not less than 60 (*sixty*) days from the last date of submission of Financial Bid.
3. All the prices must be quoted in Foreign Currency (for imported items) & INR for local items.
4. Both **Technical Bid** and **Financial Bid** are to be submitted concurrently duly digitally signed in the website <https://wbtenders.gov.in> within the closing date of online submission.
5. The **FINANCIAL OFFER** of the prospective bidder will be considered only if the specification of the bidder is found qualified by the Project Purchase Committee. The decision of the Project Purchase Committee will be final and absolute in this respect.
 - a) Terms & Conditions like, Insurance, Mode of payment, Validity period, Warranty and Delivery period must be mentioned and to be submitted on firm's letter head mentioning the following :
 - i) Name and address of the Company including Telephone no., FAX no.
 - ii) Contact person - Name, mobile number, email address
 - iii) Banker's name and address in details
 - b) Detailed Technical specifications
 - c) Full Specifications, Make, Model, Brochure/Leaflets/Technical Information of the item(s) should be given while quoting the rates in the bid.
 - d) In case of authorized dealers, OEM authorization mentioning the NIT no to be submitted by the dealer.

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- e) The OEM must have experience of manufacturing Planetary micromill for at least last 15 years or more which should be given as undertaking from the OEM in writing and is to be submitted along with the tender documents
 - f) The accessories quoted by every bidder should be OEM make and not locally sourced; if found so during supply then order will be cancelled
 - g) Experience and credential documents including copies of Orders towards supply of Planetary micromill in Govt /Govt undertaking organizations/ agencies are to be submitted along with the technical bid
 - h) Any other relevant document
6. The **Financial proposal** should contain the Bill of quantities (BOQ) in one folder. The bidder has to download the BOQ and quote the rate online in the space marked for quoting rate in the BOQ and upload the document virus scanned & Digitally Signed by the bidder.
 7. The Project Purchase Committee reserves the right to accept or reject any bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Purchase Committee's action.
 8. The Bidder whose bid would be accepted will be notified.
 9. The final price of the instrument /equipment must include the other charges like packaging, forwarding, freight, transportation charges etc (whenever the prices are quoted on Ex-Work/FOB/FCA basis).
 10. Name and address of the Foreign Principal (OEM) and their Email and Fax No. must be clearly mentioned in the offer. The purchase order will be placed to the OEM only.
 11. The material should be dispatched duly insured against theft, loss or breakage during transit and the rates chargeable for insurance may invariably be quoted separately. The insurance shall be for an amount equal to 110% of the CIF value or CIP value of the contract from within "warehouse to warehouse (final destination)" on all risk basis including strikes, riots, and civil commotion.
 12. The University of Burdwan is registered with Department of Scientific and Industrial Research (DSIR) for the purposes availing Customs duty exemption in terms of Government Notification and Central Excise Duty Exemption in terms of Government Notification.
 13. Payment will be made on bill basis after the receipt of the item in good condition, its satisfactory installation and commissioning at out site by e-payment. In case of Import, payment shall be made through Letter of Credit (L/C) /Wire transfer/Foreign Demand Draft. The bidder has to follow the terms and conditions laid down in the L/C.
 14. The warranty shall remain valid for minimum twelve (12) months from the date of satisfactory installation and commissioning at our site or thirty months (30) after the date of shipment from the port or place of loading in the country of origin whichever period concludes earlier.
 15. Rate should be given both in words and figures clearly in the quotation. If there is any discrepancy between the words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to above.

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16. The shipment must be in the name of “The Registrar, The University of Burdwan, Rajbati, Burdwan, 713104, West Bengal, India”.
17. The last date and time for receiving complete bids shall be strictly adhered to and no offer received after the due date shall be considered. Delayed/Late Tenders will not be considered at all. The University of Burdwan will not be responsible for any loss in transit.
18. The acceptance of quotation will rest with the Principal Investigator of the project who does not bind himself to accept the lowest quotation and reserves the right to reject, or partially accept any or all the quotations received without assigning any reason.

19. Date and Time Schedule :

1.	Date of uploading of N.I.T. & other Documents (On line) (Publishing Date)	16/03/2018 09:00 am
2.	Documents download start date (On line)	16/03/2018 09.00 a.m.
3.	Documents download end date (On line)	24/03/2018 02.00 p.m.
4.	Bid submission start date (On line)	16/03/2018 09:00 am
5.	Bid Submission closing date (On line)	24/03/2018 02.00 p.m
6.	Bid opening date for Technical Proposals (On line)	26/03/2018 02.00 p.m
7.	Date of uploading list for Technically Qualified Bidder (On line)	To be notified later
8.	Date for opening of Financial Proposal (On line)	To be notified later

REGISTRAR
The University of Burdwan

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Tender Notice No: PHYS/SERB/AD/Tend/001/3rd call: **ANNEXURE I**

Sr No	Detailed Technical Specifications	Quantity
(1)	Planetary Micro mill with necessary accessories	
(A)	Planetary Micromill	01
	<ul style="list-style-type: none"> • Maximum feed particle size - upto 5 mm • Final fineness < 0.1 μm • Minimum Sample Quantity: 0.5 ml • Maximum Sample Quantity: 70 ml 	
	<p><u>Other specifications and required features:</u></p> <ul style="list-style-type: none"> • The offered micro mill should be bench top model. • Rotational Speed of Main disk upto 1100 rpm • Maximum speed of grinding bowls should be 2200 rpm • High energy milling up to 95 g. • Short milling times • Dry and wet grinding possible. • No-Loss grinding, even in suspension • The mill should have facility of continually monitoring and recording the data of gas pressure and temperature during the grinding process. • The Mill should have integration through integrated Ethernet, Bluetooth and USB inter faces – logging results should be easier. • Programmable interval and break times and rotation direction (clock wise & anti clock wise) • Absolutely reproducible grinding parameters with use synchronous belts for transmission. • Simple cleaning of grinding elements • Effective diameter of main disk should be 140 mm • Transmission ratio should be 1: -2 	
(B)	Grinding bowl with lid and seal ring (80 ml volume)	01
	<ul style="list-style-type: none"> • The grinding bowl of 80 ml volume made of hardened Stainless Steel should be supplied with steel casing. 	

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	<ul style="list-style-type: none">• Compensation of unbalance of all grinding bowls using a compensation mechanism which is easy to operate.• Possibility to add additional lock-system and/or special lid for grinding in inert atmosphere• Grinding chamber cooled by built-in to permit longer grinding times• Counterweight for grinding bowls 80 ml volume	
(C)	Grinding balls (10 mm diameter)	50
	Hardened, stainless steel	

■	Bidder should have to provide the complete setup.
■	Bidder should provide all operation, service and maintenance manuals (in English) along with necessary circuit diagrams.
■	The vendor must have to provide a demonstration of the instrument and software to confirm the above specifications. The Vendor should have to provide three year warranty and onsite service during warranty period.