



**भाकृअनुप - केन्द्रीय बारानी कृषि अनुसन्धान संस्थान**  
**ICAR - Central Research Institute for Dryland Agriculture**

संतोषनगर, सैदाबाद-पोस्ट हैदराबाद ५०००५९ Santoshnagar, Saidabad P.O. Hyderabad 500 059  
 040-24530161, 24530163, 24530224 Fax: 040-24531802 www.crida.in Email: [spo.crida@icar.gov.in](mailto:spo.crida@icar.gov.in)



**TENDER**

**F.No.2-1/(103)/2018S&P**

**Dated 28-01-2018**

**Tender Enquiry for Equipment Serial No.3 "Microwave Digestion System"**

ICAR- CRIDA is a premier public funded Research Institute on Dryland Agriculture, Indian Council of Agricultural Research (ICAR), Ministry of Agriculture Farmers Welfare Government of India. The Director, CRIDA Santoshnagar, Hyderabad -500 059, Telangana India, now Invites sealed tenders for **Equipment Serial No.3 "Microwave Digestion System"**, the eligible bidders/reputed manufacturers/ authorized dealers/suppliers.

**GENERAL TERMS & CONDITIONS**

- 1 Download of Tender Document:** Tender Document with full details can be downloaded from CRIDA Website (<http://www.crida.in>) or the Government of India, Central Public Procurement Portal (<http://www.eprocure.gov.in>) and in such cases, participation in the tender will be subject to remittance of the prescribed BID SECURITY along with the tender.
- 2 Bid Security:** Bid Security (also known as Earnest Money) is to be deposited by all the bidders except Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organization or the concerned Ministry or Department. The bidders should furnish bid security of Rs.15,000/- (Rupees Fifteen thousand only) along with their bids. The bid security will be accepted, in the form of drawn in favour of ICAR-Unit a/c CRIDA, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form. The bid security is normally to remain valid for a period of forty-five days beyond the final bid validity period. Bid securities of the unsuccessful bidders shall be returned.

Description of Item (Please see specifications at page No.6)	Tender cost Rs.	BID SECURITY (Rs.)
Equipment Serial No.3 "Microwave Digestion System",	Free if downloaded from website	15,000

3.The same tender is also available for downloading at [www.crida.in](http://www.crida.in), <https://eprocure.gov.in/epublish>

**4.Performance Security:** The successful bidder is required to pay an amount equal to 10% of successful bid amount towards performance security deposit and the same will be released within one month from the date of expiry all contractual Obligations. No interest shall be paid on such Performance security deposit. Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations. The Performance Security Deposit should be in the form of Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks or payment online in an acceptable form and on which no interest will be paid.

Tender Enquiry for Equipment Serial No.3 "Microwave Digestion System",

## 5 Important Dates:

1.	<b>Start date of downloading the Tender Document</b>	<b>27-01-2018</b>	<b>11:00hrs</b>
2.	<b>Last date for downloading of Tender Document or any addendum / corrigendum</b>	<b>16-02-2018</b>	<b>11:00hrs</b>
3.	<b>Last date and time for submission of Tenders</b>	<b>16-02-2018</b>	<b>14:00hrs</b>
4.	<b>Date and Time for opening of tender</b>	<b>16-02-2018</b>	<b>15:00hrs</b>

- 6 Submission:** Tender with proper superscription on the cover as for Equipment Serial No.3 "Microwave Digestion System", should be submitted in the Office of the Director, CRIDA, Santoshnagar Hyderabad -500 059, Telangana, on or before the due date and time as given in the tender document.
- 7** Tenders received after 14:00hrs on 16-02-2018 will not be considered. The Institute will not be responsible for courier/postal delays.
- 8 Delivery Schedule:** Unless otherwise specified, Equipment Serial No.3 "Microwave Digestion System", delivery of item should be within 20<sup>th</sup> March 2018 whichever is earlier from the date of issue of the Purchase Order. No 'part supply' is allowed. Specific mention should be made as to whether delivery will be from ready stock or will have to be imported / acquired and in the latter case the time required for delivery after purchase order is placed should be indicated clearly.
- 9 Payment:** No advance payment is permissible. Payment will be made only after supply of equipment" is accepted by the indenter after successful, installation and commissioning of the equipment.
- 10 Place of Delivery:** Supply is to be done at Central Research Institute for Dryland Agriculture, Hyderabad, Telangana.
- 11 Installation:** Installation is to be done at Central Research Institute for Dryland Agriculture, Hyderabad, Telangana.
- 12 Shipment:** Supply is to be made securely packed at supplier's risk and transportation
- 13** Document showing the firm/company's turnover per annum for the preceding **two financial years i.e. 2015-16 & 2016-17** is to be enclosed.
- 14 Experience:** Minimum three experience in the, supply, installation, commissioning of requirement.
- 15 Bank details for e-payment:** The bank details may be furnished along with tender for making e-payment to the successful bidder.
- 16 Period of Validity:** The rates quoted shall be valid for a minimum period of **120 days** beyond the date of opening of tenders.
- 17 Rates:** Rates should be quoted in the prescribed Price Schedule in Indian Rupees only.
- 18 Specifications:** Full specifications of the item quoted should be indicated in the tender along with illustrated pamphlets, drawings etc. wherever available. The supplier has to submit the compliance statement on the technical specifications in the prescribed format enclosed to this schedule.
- 19 Indigenous items:** Articles of indigenous origin are required except where specified otherwise. Where indigenous make is not available foreign made articles can be quoted for, provided, payment is acceptable in Indian currency.
- 20 Income tax returns: Previous 3 financial years**

- 21 Taxes/Duties:** GST/ Taxes if any are all included only and should be specified clearly.
- 22** While submitting the tender document the brochures, catalogues etc. must be invariably enclosed with the bid.
- 23** Institute is exempted from payment of Customs charges Vide Govt.of India, Ministry of Science and Technology, Deptt.of Scientific and Industrial Research, vide Letter No.**TU/V/RG-CDE(372)/2016, dated 18-10-2016 (Valid upto 31-08-2021).**
- 24 Service Support and Warranty:** The Warranty requirement for the equipment shall be for 12 months from the date of satisfactory installation & commissioning. In the event of the equipment requiring any rectifications, the warranty will start from the date of successful rectification.
- 25 Acceptance of tender:** Director, CRIDA reserves the right to accept or reject any of the tenders either in part or in full without assigning any reason thereof.
- 26 Quantities:** Director, CRIDA reserves the right to reduce or increase the quantity at the time of placing the Purchase Order.
- 27 Jurisdiction:** All disputes including court proceedings shall be settled within the Hyderabad jurisdiction only.
- 28 Rejection of tenders:** Tenders not complying with the above conditions are liable to be rejected.
- 29 The tenders without BID SECURITY amount will not be considered.**
- 30** In the event of the date specified for tender receipt being declared as a closed holiday for purchaser's office, the due date for submission of tenders will be the following working day at the specified timings.
- 31** The tender document should invariably be filled in and duly signed by the authorized signatory by affixing the company/firm seal on every page of tender and the terms and conditions should strictly be followed before submitting the tender.

(Stores & Purchase Officer)



# भाकृअनुप - केन्द्रीय बारानी कृषि अनुसन्धान संस्थान

**ICAR - Central Research Institute for Dryland Agriculture**

संतोषनगर, सैदाबाद-पोस्ट हैदराबाद ५०००५९ Santoshnagar, Saidabad P.O. Hyderabad 500



059 040-24530161, 24530163, 24530224 Fax:040-24531802 www.crida.in Email : spo.crida@icar.gov.in

## 2. CHECK LIST

Please give page numbers to the tender document and all enclosures and also verify the following documents before submission of the tender in the sequence listed below, to avoid rejection or disqualification of your tender.

**PLEASE NOTE THAT ALL RELATED PHOTO COPIES MAY PLEASE BE ENCLOSED WITH THE TENDER DOCUMENT AS A PROOF**

S.No.	List of the Documents to be enclosed with the Tender	Page No.	Enclosed (Yes/No)
1.	The tender document can also be downloaded with full details through CRIDA website ( <a href="http://www.crida.in">http://www.crida.in</a> ) or the Government of India, Central Public Procurement Portal ( <a href="http://www.eprocure.gov.in">http://www.eprocure.gov.in</a> ) .		
2.	Bid Security : BID SECURITY should be drawn on any Commercial bank as indicated in the notice inviting tenders in favour of "ICAR UNIT – CRIDA A/c" BID SECURITY D.D.No. _____ Dated: _____ for Rs. _____ ; Bank _____		
3.	Following documents as indicated in the tender document printed on the tenderer's letterhead with date signature and seal.		
4.	Tender Form		
5.	Statement on Compliance of the Technical Specifications of equipment and technical literature of the product and purchase quote to be enclosed.		
6.	The entire original tender document with seal and signature on each page at the time of submission of tender document(s) within the due date.		
7.	Document showing the firm/company's turnover per annum for the preceding two financial years i.e. 2015-16 & 2016-17 certified by the Chartered Accountant		
8.	Attested copies of past three years experience OEM for authorized sales /service Equipment Serial No.3 "Microwave Digestion System"		
9.	Attested copies of Document regarding registration /Certificate of incorporation of the firm issued by the appropriate government to be enclosed.		
10.	Certificates of registration for GST issued by appropriate Government for the required services with the seal of the tenderer to be enclosed.		
11.	The firm should submit Income Tax returns of previous 3 financial years i.e., 2014-15, 2015-16 & 2016-17 along with the tender document.		
12.	NSIC/SSI certificates registered with NSIC (if applicable) to be enclosed		
13.	Any other document or information as required in the tender document.		
	Total pages of your entire Tender Document including Enclosures	No.of Total Pages : _____	

Certified that the above information is correct and the firm is willing to accept all the terms and conditions of the tender document.

Signature and Seal of the Bidder: \_\_\_\_\_

Business Address: \_\_\_\_\_

Tender Enquiry for Equipment Serial No.3 "Microwave Digestion System",

### 3. TENDER FORM

(To be filled in by the Tenderer duly printed on their letter head)

Tenderer's Ref.No. \_\_\_\_\_ Date: \_\_\_\_\_

From: \_\_\_\_\_

Grams: \_\_\_\_\_

\_\_\_\_\_

Phone No. \_\_\_\_\_

PIN \_\_\_\_\_

Fax No. \_\_\_\_\_

To

**The Director**

**Central Research Institute for Dryland Agriculture,  
Santoshnagar, Saidabad, HYDERABAD – 500 059**

Ref: Your Tender Notice Advt. No. \_\_\_\_\_ dated-----.

Dear Sir,

I/We hereby offer for your requirements detailed in the schedule hereto or such portion thereof as you may specify in the Acceptance of Tender at the **rates given in the said schedule and agree to hold this offer for 120 days for acceptance.** I/We shall be bound by a communication of Acceptance dispatched within the prescribed time and also execute agreement required in this regard.

2. I/We have understood the Instructions to Tenderers and General Conditions of Contract governing such contracts placed by Indian Council of Agricultural Research and its Research Institutes and the Special Conditions of Contract, and have thoroughly examined the details indicated in the Schedule to Tender thereof and am/are fully aware of the goods and/or services required and my/our offer to supply/provide the goods and/or services strictly is in accordance with the requirements.

3. D.D.No. \_\_\_\_\_ Dt. \_\_\_\_\_ for Rs. \_\_\_\_\_ (in words) Rupees \_\_\_\_\_  
\_\_\_\_\_ only) drawn on (Bank) \_\_\_\_\_ is enclosed towards Bid Security.

The following pages have been added to and form part of this tender.

Yours faithfully,

Signature of the Witness

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name : \_\_\_\_\_

Address: \_\_\_\_\_

Address : \_\_\_\_\_

Tender Enquiry for Equipment Serial No.3 "Microwave Digestion System",

**4. SCHEDULE OF REQUIREMENTS & FULL TECHNICAL SPECIFICATIONS WITH COMPLIANCE**  
*(Should be submitted duly printed on the letterhead of the bidder separately for each item and option)*

**TECHNICAL SPECIFICATIONS – Equipment Serial No.3 “Microwave Digestion System”,**

Sl. No.	Specifications	Qty
01.	<ol style="list-style-type: none"> <li>1. Microwave Digestion systems (MDS) having provision to digest different samples of plant , food products (such as grains, fruits, vegetables, meat, milk and other) soil, sediments, sewage, rocks , minerals, wood, fly ash etc, using microwave based pressure digestion principle for quantitative analysis for inorganic constituents using very high quality pressure vessels resistant to different acid matrix including HNO<sub>3</sub>, HCl, H<sub>2</sub>O<sub>2</sub>, HF, H<sub>2</sub>SO<sub>4</sub>, H<sub>3</sub>PO<sub>4</sub> etc.</li> <li>2. The digestion system should have input Wattage power of minimum 2000 watt from 2 magnetrons (2*1000W) power or higher with high peak output power of 1500W or higher to ensure complete digestion of the hardest samples in shortest possible time.</li> <li>3. There should be a provision for temperature programming for direct temperature control in real time, with provision to measure the actual sample temperature.</li> <li>4. Should have provision to handle at least 6 samples (Any fixed number) at a time in one go. The digestion system should be able to operate with pressure vessels of volume 75 to 100 ml, maintaining temperature in the range of 260-280oC or higher with appropriate compatible pressure to ensure complete and smooth digestion of the samples in the least possible time.</li> <li>5. Should be compatible to Indian voltage system</li> <li>6. Should be made up of high quality corrosion resistant material for continuous long term use, capable of providing smooth and uniform distribution of microwaves.</li> <li>7. Should have strong durable and sensitive sensors for effective sensing of control of temperatures and pressures.</li> <li>8. The device should have some important pre-loaded programmes for analyzing samples under variable and diverse digestion conditions and the software should also have provision of adding adequate numbers of additional programmes, as and when required.</li> <li>9. Also quote for one complete spare set of digestion vessels as an optional item.</li> <li>10. Only the Firms who have adequate infrastructure for service and repair and man power need to quote.</li> <li>11. Quote along with minimum one year warranty, user list, all manuals etc. and all other accessories required to install, demonstrate and run the unit satisfactorily.</li> <li>12. The product should conform to all the safety standards/requirements.</li> </ol>	1 No

**Note :**

Signature and Seal of the Bidder: \_\_\_\_\_  
 Business Address: \_\_\_\_\_  
 \_\_\_\_\_

Tender Enquiry for Equipment Serial No.3 “Microwave Digestion System”,

### 5. Financial Bid

S.No	Description of the goods offered	Qty	Price (Rs.)	Amount (Rs.)
1.	<b>Equipment Serial No.3 “Microwave Digestion System”</b>  <b>Details:</b>	1 No		
	<b>Prices</b> :Including FOR CRIDA , Supply, Installation and Commissioning with one year comprehensive onsite warranty			

**AUTHORISED SIGNATORY**

Please add supplementary pages to be numbered wherever needed by the Tenderer.

**Note :**

Signature and Seal of the Bidder: \_\_\_\_\_

Business Address: \_\_\_\_\_

---

Tender Enquiry for Equipment Serial No.3 “Microwave Digestion System”,

---