



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



TENDER

F.No.2-1/(117)/2018S&P

Dated 28-01-2018

Tender Enquiry for Equipment Serial No.17 "Sonicator"

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.17 "Sonicator"** 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 Nil (Nil Amount) 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.17 "Sonicator"	Free if downloaded from website	Nil Amount

3.The same tender is also available for downloading at 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.17 "Sonicator"

5 Important Dates:

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

- 6 **Submission:** Tender with proper superscription on the cover as for Equipment Serial No.17 "Sonicator" 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.17 "Sonicator" delivery of item should be within 20th 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)



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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 (http://www.crida.in) or the Government of India, Central Public Procurement Portal (http://www.eprocure.gov.in) .		
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.17 "Sonicator"		
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.17 "Sonicator"

3. TENDER FORM

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

Tenderer's Ref.No. _____ Date: _____

From: _____

Grams: _____

PIN _____

Phone No. _____

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.17 "Sonicator"

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.17 “Sonicator”

S.No		Specifications	Qty
1.	Electric Supply	The system shall be capable of operating directly from a 230V ± 10%, 50 ± 2 Hertz, single- phase AC supply and equipped with 13A moulded construction power plug (BS1363/A type) The unit shall be equipped with self-tripping circuit breaker for protection against overload	1No
	Ultrasonic Power	Up to 1000 Watts peak (with heater)	
	Ultrasonic Frequency	33 +/- 3 KHz	
	Ultrasonic Generator	Micro processor Controller base Digital Timer with latest MOSFET base technology, auto degassing facility; Programmable and memory to save the parameters including processing times, pulse on/off and amplitude that can be run by the touch of a button Should be able to Auto-tune the system by monitoring the frequency changes in the converter/tip assembly to maintain the electrical efficiency	
	Timer	LED display 0 - 20 / 90 minutes Timer with settable & On/Off Keys.	
	Display	Digital touch screen control panel with LCD/LED screen clearly displaying all operating parameters and options that should enable the easy access to all the parameters and functions	
	Heater	S.S. sheathed cartridge type immersion heater having power capacity around 1000-1500 Watts.	
	Temperature Control	PT 100 sensor & maximum allowable temperature is 65°C. Digital Temperature Controller LED Display settable & On/Off Key. Power Sweep Energy Technology	
	Transducers	PZT8 of matrockMorgon Make or equivalent. With high temperature resistant wires and bonded on the base of S.S. Tank with epoxy	
	Tank	14 L capacity tank with about 12-13 L working volume; body made of stainless Steel 316 grade and 1.6 mm thickness & buffed form inside	
	Drain Valve	1/2" Ball Valve	
	Memory	SD Memory with 32 GB SD card	
	Supplied with	ErgonomicABS Lid Three stainless steel baskets of different depths to hold the containers in the bath 5 x 1 L Ultrasonic solution for bath cleaning Power Cord Additional Microtip probes of 1/4 inch diameter and 1/8 inch diameter to process small volume samples Replacement wrench set should be supplied with the machine Operational & Instructional Manual etc.	
	Tank Capacity	9.0 liters & Inner Size: 12" X8" X 6"	
	Safety norms	IEC 61010-1 compliant safety requirements for electrical equipment for measurements, control, and Laboratory use IEC 61326-1, Standard for Electromagnetic Compatibility	
	Warranty	1 year comprehensive warranty from date of installation	

Note :

Signature and Seal of the Bidder: _____
Business Address: _____

Tender Enquiry for Equipment Serial No.17 “Sonicator”

5. Financial Bid

S.No	Description of the goods offered	Qty	Price (Rs.)	Amount (Rs.)
1.	Equipment Serial No.17 "Sonicator" Details:	1 No		
	Prices :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: _____

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