

**ICAR – National Research Centre For Banana**

**(Indian Council of Agricultural Research)**

Thogamalai Road, Thayanur P.O.

Tiruchirappalli – 620 102, Tamil Nadu, India

Phone : 0431-2618125 (30lines)

Email : [director.nrcb@icar.gov.in](mailto:director.nrcb@icar.gov.in); [directornrcb@gmail.com](mailto:directornrcb@gmail.com); [hoa.nrcb@icar.gov.in](mailto:hoa.nrcb@icar.gov.in)

F.No.25(1)/2019-2020-SP

Date: 31.03.2020

**Bids Inviting Notice**

Sub : Bids (Double) inviting notice for the supply of “Incubator Shaker” - Reg.  
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Bids (Double) – Technical AND Financial are invited by the Director, ICAR – NRC for Banana, Tiruchirappalli, Tamil Nadu, for the supply of “Incubator Shaker” at the Laboratory Building of the ICAR – NRC for Banana, Tiruchirappalli, Tamil Nadu, as per specification and quantity furnished in the tabular column below:

Sl. No.	Specification	Qty
01.	“Incubator Shaker” - as per specification overleaf	1 no.

The bidding firms should be registered with GST. Bidding firms should furnish **Technical Bid only** in the **format of tabular column in the form of .pdf as per format furnished overleaf**. The bidding firm(s) should invariably furnish the .pdf scanned copies of the documents sought in the tabular column. Bids of those firm(s) without valid / insufficient .pdf scanned copies of the documents will not be considered.

The financial bid(s) should be inclusive of Packing, Forwarding, Transit insurance, installation and other charges; exclusive of GST @ 5%.. The bid should be FOR destination and delivery at the Laboratory building of the ICAR –NRC for Banana, Thogamalai Road, Thayanur Post Trichy – 620 102, Tamil Nadu. The validity of the financial bid should be kept open for a period of 180 days from the date of opening.

**The details of authorized service firm in Tamil Nadu region should be mentioned without fail. Bid of those firms without authorized service firm in Tamil Nadu will not be considered. The equipment supplied should carry a warranty of Two years from the date of supply and installation. The payment terms will be only after successful supply / installation and certification by the end user of the equipment; besides furnishing necessary performance security- @ 10% of the cost of the equipment; for a period of 26 months (i.e. warranty 24 months + 60 days) by the firm.**

The bidding firms are requested to upload their technical in the form of .pdf scanned copies and financial bids (exclusive of 5% GST) in the BoQ format available in the – e-procurement of Central Public Procurement Portal **on or before 22.04.2020 by 10.00AM**. The bids will be opened on **23.04.2020 at 10.00AM**.

The right to accept or to reject all or any of the bids in part or full is reserved.

  
Asst. Admn. Officer

Copy to:

1. The Nodal Officer- CPPP e - procurement
2. Mr.R.Neela Mega Shyamala Kannan, Stenographer Gr.III - Tender Creator
3. Mrs.C.Gomathi, A.F.A.O. - Tender Publisher
4. Dr.I.Ravi & Dr.V.Kumar, D.Ramajayam – Bid Openers,
5. Dr.P.Giribabu / Dr.M.Loganathan – Bid Evaluators

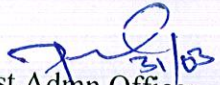
## Format of Technical Bid

Sl. No.	Make	Model No.	Specification exactly as per the make / model quoted *	Whether Manufacturer OR Authorized Distributor / Dealer	If Manufacturer, furnish details of the manufacturing unit	If Authorized Distributor / Dealer Details of authorization with current validity (duly mentioning the details of manufacturer in col.no.6)	Name of the firm(s) to whom supplied (enclose copies of supply orders placed by various firms and their satisfactory installation report **	Details of firm authorized service in Tamil Nadu region
1.	2.	3.	4.	5.	6.	7.	8.	9.

\* .pdf scanned copy of the technical brochure should invariably be furnished;

\*\* .pdf scanned copies of the supply orders and installation reports should be furnished without fail

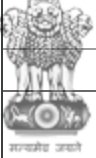

**Note :** Technical bid(s) of firms without any or whole of valid .pdf scanned copies will not be considered.

  
 Asst. Admn. Officer

## SPECIFICATIONS INCUBATOR SHAKER

1. Lab Scale Stackable Refrigerated Incubator Shaker
2. Universal Shaking Platform should be capable of holding at least 36 Nos. of 100 ml flasks (or) 25 Nos of 250 ml flasks (or) 16 Nos of 500 ml flasks (or) 9 Nos of 1L flasks (or) 5-6 nos of 2L flasks (or) 4 nos of 5L flasks (or) 2 nos of 6L.
3. There should be provision for at least one adjustable stationary tray for incubation.
4. Shaking frequency should be at least 25-400 RPM (even when stacked) at a minimum 26 mm orbit and with a maximum deviation of  $\pm 1$  RPM from set value.
5. Clamps should be made of single piece stainless steel material (without welding) and leaves tied with three springs.
6. Universal Shaking Platform should be of size 18" X 18" and should be capable of using assorted clamps, Test tube racks.
7. External dimension 800 x 865 x 750 mm and minimum internal 530 x 500 x 530mm (W x H X D)
8. Temperature range should be 5°C to 80°C with an accuracy of  $\pm 0.1^\circ\text{C}$  at 37°C
9. Absolutely smooth movement ensuring silent operation
10. Should be microprocessor based PID control system with digital LED display and control via digital keypad.
11. Movement of the shaker should be Triple Eccentric Counter balanced drive, driven by Brushless AC Motor for low maintenance.
12. Equipment should have Audio & Visual alarm for temperature deviation
13. High-grade insulation on all sides of the equipment for uniform temperature maintenance.
14. Material of construction should be of MS powder coated steel exterior and stainless steel interior (304)
15. Unit should be with front open door with toughened double glazed glass window for Sample viewing without opening the door.
16. Equipment should have Non-Volatile memory with automatic power failure restart and door opening sensor to detect proper closing.
17. Should be possible for incremental / decrement speed control of 1RPM and Temperature control of  $0.1^\circ\text{C}$ .
18. Only Standard Models should be quoted and custom made products strictly will not be considered.
19. Manufacturer should be renowned ISO 9001- 2015 certified Company with a record of minimum 20 Number of installations in reputed Govt. of India organizations like Central Universities, IIT's, IISER's, CSIR, DRDO, ICAR institutions etc. Should enclose complete users list of the Model Quoted with contact details such as email & mobile numbers preferably with the name of the end user should be enclosed with quotation.
20. Valid CE (Certificate of European) Certificate mentioning the Model quoted must be submitted
21. At least 5 Satisfactory Performance Certificates from Government/reputed organization of the equipment model quoted must be enclosed.
22. Details of Related published document, web links and list of publications in support of your claims on the equipment supplied/manufactured by you must be enclosed.
23. Custom built models will not be considered.
24. Warranty: Minimum of 2 years from the date of installation.
25. If necessary, the equipment has to be demonstrated in our laboratory or at any nearby installed place.

  
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Government eProcurement System		eProcurement System Government of India			
		Tender Details			
		Date : 01-Apr-2020 06:24 PM			
		 Print			
<b>Basic Details</b>					
<b>Organisation Chain</b>	Department of Agricultural Research and Education  Indian Council of Agricultural Research,DoARE,MoA  National Research Centre for Banana-Tamil Naidu				
<b>Tender Reference Number</b>	F.No.25(1)/2019-2020-SP-01				
<b>Tender ID</b>	2020_DARE_554793_1				
<b>Tender Type</b>	Open Tender	<b>Form of contract</b>	Supply		
<b>Tender Category</b>	Goods	<b>No. of Covers</b>	2		
<b>General Technical Evaluation Allowed</b>	No	<b>ItemWise Technical Evaluation Allowed</b>	No		
<b>Payment Mode</b>	Not Applicable	<b>Is Multi Currency Allowed For BOQ</b>	No		
<b>Is Multi Currency Allowed For Fee</b>	No	<b>Allow Two Stage Bidding</b>	No		
<b>Cover Details, No. Of Covers - 2</b>					
<b>Cover No</b>	<b>Cover</b>	<b>Document Type</b>	<b>Description</b>		
1	Fee/PreQual/Technical	.pdf	Incubator Shaker		
2	Finance	.xls	Incubator Shaker		
<b>Tender Fee Details, [Total Fee in ₹ * - 0.00]</b>				<b>EMD Fee Details</b>	
<b>Tender Fee in ₹</b>	0.00	<b>Fee Payable To</b>	Nil	<b>EMD Amount in ₹</b>	0.00
<b>Fee Payable At</b>	Nil	<b>Fee Payable At</b>	Nil	<b>EMD through BG/ST or EMD Exemption Allowed</b>	No
<b>Tender Fee Exemption Allowed</b>	No			<b>EMD Fee Type</b>	fixed
				<b>EMD Percentage</b>	NA
				<b>EMD Payable To</b>	Nil
				<b>EMD Payable At</b>	Nil
<a href="#">Click to view modification history</a>					
<b>Work /Item(s)</b>					
<b>Title</b>	Supply of Incubator Shaker				
<b>Work Description</b>	Supply of Incubator Shaker				
<b>Pre Qualification Details</b>	Please refer Tender documents.				
<b>Independent External Monitor/Remarks</b>	NA				
<b>Show Tender Value in Public Domain</b>	Yes				
<b>Tender Value in ₹</b>	5,00,000	<b>Product Category</b>	Equipments (Hospital / Lab)	<b>Sub category</b>	NA
<b>Contract Type</b>	Tender	<b>Bid Validity(Days)</b>	180	<b>Period Of Work (Days)</b>	45
<b>Location</b>	ICAR - NRC for Banana	<b>Pincode</b>	620102	<b>Pre Bid Meeting Place</b>	NA
<b>Pre Bid Meeting Address</b>	NA	<b>Pre Bid Meeting Date</b>	NA	<b>Bid Opening Place</b>	ICAR - NRC for Banana
<b>Should Allow NDA Tender</b>	No	<b>Allow Preferential Bidder</b>	No		
<b>Critical Dates</b>					

<b>Publish Date</b>	01-Apr-2020 06:55 PM	<b>Bid Opening Date</b>	23-Apr-2020 10:00 AM
<b>Document Download / Sale Start Date</b>	01-Apr-2020 06:55 PM	<b>Document Download / Sale End Date</b>	22-Apr-2020 10:00 AM
<b>Clarification Start Date</b>	01-Apr-2020 06:55 PM	<b>Clarification End Date</b>	22-Apr-2020 09:00 AM
<b>Bid Submission Start Date</b>	01-Apr-2020 06:55 PM	<b>Bid Submission End Date</b>	22-Apr-2020 10:00 AM

### **Tender Documents**

NIT Document	S.No	Document Name	Description	Document Size (in KB)
		1	Tendernotice_1.pdf	Incubator Shaker

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
		1	BOQ	BOQ_581824.xls	Incubator Shaker

### **Bid Openers List**

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	iravi24@gmail.com	Ravi I	IYYAKUTTY RAVI
2.	kumarnrcb@gmail.com	Kumar V	VADIVEL KUMAR
3.	giribabunrcb@gmail.com	Giribabu Palaniappan	P GIRIBABU
4.	ramajayamd@gmail.com	Ramajayam Devarajan	RAMAJAYAM D

### **Tender Inviting Authority**

<b>Name</b>	Director
<b>Address</b>	ICAR - NRC for Banana Thogamalai Road, Thayanur Post, Tiruchirappalli Tamil Nadu

### **Tender Creator Details**

<b>Created By</b>	Neela Mega Shyamala Kannan Ramalingam
<b>Designation</b>	Stenographer
<b>Created Date</b>	01-Apr-2020 05:50 PM