



**ICAR - INDIAN INSTITUTE OF RICE RESEARCH**  
(Formerly Directorate of Rice Research)  
Rajendranagar, Hyderabad – 30: Telangana  
Phone No's: 040-24591201: FAX: 040-24591217



F.No.6-1 -35/Dyad (dual) Thermal cyclers/DBT-Marker-assisted...in rice/RMS/P&S/16-17

/3329

Date:20-01-2017

**BY REGD.POST**

**ENQUIRY NO: 110(01-31)**

**TENDER FOR : "Dyad (dual) Thermal cyclers"  
DUE DATE : 06/02/2017**

To

**Sub: Procurement of Dyad (dual) Thermal cyclers (1 No)– Reg.**

Dear Sir,

Tenders are invited for Procurement of Dyad (dual) Thermal cyclers (1 No) as per the following specifications Copy Enclosed.

You are therefore, requested to kindly submit your Tender for the above said items to the Senior Administrative Officer, Indian Institute of Rice Research, Rajendranagar, Hyderabad 500 030 by Post/Courier.

**NOTE: LIMITED TENDERS BY POST ARE ONLY ACCEPTED**

P.T.O

**TERMS & CONDITIONS**

1. The last date for submission of Tenders is **06-02-2017 at 02:30 PM.**
2. Tenders should be submitted only by **POST / COURIER** in a sealed cover addressed to Senior Administration Officer, Indian Institute of Rice Research, Rajendranagar, Hyderabad – 500030 so as to reach by at 02:30 PM in the closing day. Delay on account of postal / other will not be the responsibility of the IIRR. The cover containing Tender should invariably be superscribed separately **"Tenders are invited for Dyad (dual) Thermal cyclers (1 No)"**.
3. 2% of EMD drawn in favour of Director, IIRR, Rajendranagar, Hyderabad on estimated cost to be enclosed along with the Tender.

4. The successful bidder has to furnish an amount, equivalent to 10 % of the order value as security Deposit which will be refunded / returned only after satisfactory completion of the contractual obligations including warranty.

5. No advance payment will be made. Payment will be made through on-line after satisfactory installation/certification of the concerned Officer. Please furnish the following details:

Account Name :  
Account Number :  
Account Type :  
MICR Code :  
Branch :  
IFSC Code :  
Bank Address :

6. The rates quoted should be net payable for each item for delivery at the Institute at the address given above (inclusive of all taxes, packing forwarding, transport, insurance and excluding rebate/discount etc.)

7. This institute is not in a position to supply and "D" or "C" forms

8. While quoting the rates please mention the following:

Approximate time for supply of stores from the date of placing order

9. Tender which does not conform to the above terms and conditions will not be considered. The Director, IIRR reserves the right to accept or reject any or all Tenders without assigning any reasons thereof.

Yours faithfully,

  
**Asst. Administrative Officer**

**Copy to**

- Dr. B. Sailaja, Scientist, GIS – to be placed in IIRR Website/Central Procurement Portal

**Specifications of Equipment to be purchased under DBT sponsored project entitled "Marker-assisted introgression of yield enhancing genes in rice to increase yield potential in rice"**

**Dyad (dual) Thermal cycler (1 No.)**

1. Instrument should be with capacity of two 96-well which should be capable of accommodating 0.2 ml tubes; 12-strip wells; 96-well plates
2. The instrument should be certified/licensed for use in PCR/thermal cycling
3. Control system should be have LCD Touch screen based display (~ 8 inch TFT LCD Screen), should have provision to access the work flow of instrument remotely even with a mobile.
4. Reaction volume range of 10-100 µl along with Speed controls like Fast, standard.
5. Temperature range of 0 to 100.0 °C with Accuracy levels of ±0.25°C (35°C to 99.9°C).
6. Temperature uniformity should be <0.5 °C (20 sec after reaching 95 °C).
7. Instrument should be able to Auto re-start (after power outages) & should have sleep mode option to control in HH:MM:SS mode.
8. Program should have overwrite protection & should have infinite hold facility.
9. The system should be capable of running in both Fast and Standard modes
10. Peak Block Ramp Rate (i.e. under Fast mode) required is 3.0°C/Sec.
11. Sample Ramp Rate at Standard mode: ± 1.5°C/sec.
12. High Throughput-Compatibility of different blocks should be available which should not require any tools to fix the kit.
13. Internal memory should be available to save data along with option to use USB.
14. Power requirement: 100-240V, 50-60 Hz Max: 950 VA
15. Should be essentially supplied with a 2-3 KVA UPS of standard make to provide uninterrupted power supply to the equipment for at least 3 hours (when programs are running in both the blocks)
16. System should be preferably supplied with a branded HP Laptop computer (Intel core i5 processor; 8GB RAM, HDD: 1TB; Screen: 14 inches; OS: MS Windows 10) for data capture, storage and retrieval and a branded multi-function laser printer for data documentation. The quote for the laptop and printer should be given separately.
17. Warranty for 2 years (compulsory) plus 2 years free AMC (preferable).
18. A certified compliance statement (sample given below) wherein all the claims and specifications about the instrument should be supported by a printed and authentic technical literature.

S. No	Specification item	Whether complied or not (Yes or No)	If Yes/No additional details and improved specifications, if any	Any additional remarks, if any

