
 <p>भाकृ अनुप ICAR</p>	<p>पादप कार्यिकी संभाग DIVISION OF PLANT PHYSIOLOGY भा.कृ.अ.प.—भारतीय कृषि अनुसंधान संस्थान ICAR-Indian Agricultural Research Institute नई दिल्ली—110012 (भारत) NEW DELHI - 110 012 (INDIA)</p>	
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फाईल संख्या: 51-1/GET/24-25/RM/12-197(B)

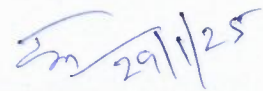
दिनांक: 29-01-2025

GeM के माध्यम से ई-खरीद हेतु सूचना
NOTICE FOR E-PROCUREMENT THROUGH GeM

Online GeM e- bid are invited from reputed Manufacturere/Supplier/Authorized dealer in two bid system (Technical and Financial) for **Repairing/Replacement of Climatic Censors and Controlling System/Software, Qty. 01 Job. for Phenomics Facility** on behalf of Director, ICAR-Indian Agricultural Research, Institute, New Delhi. Please visit www.iari.res.in for details Rules and Regulation and log in www.gem.gov.in for online e-bidding.

जैम बिड का विवरण निम्नलिखित है / Details of Gem Bid are as follows:

जैम बिड संख्या / GeM Bid No.	GEM/2025/B/5880563
बिड जमा करवाने की तिथि एवं समय / Bid Submission start date and time	29-01-2025
बिड बंद होने की तिथि एवं समय / Last Date & Time for submission of bid	19-02-2025 16.00
बिड खुलने की तिथि एवं समय / Date & Time for opening of Technical Bid	19-02-2025 16.30


सहायक प्रशासनिक अधिकारी
Asstt.Admn.Officer

**Repairing/replacement of climatic sensors and controlling system/ software
in phenomics Smart houses**

Item Details: (Specification)

1. **Automation Control Panel for climate control system**
 - PLC-based controlled system with touch-enabled HMI display to control smart houses.
 - Features include real-time clock programming, industrial PLC control, multi-level password protection, data logging with internal of minimum 1 minute, and remote access on mobile and computer.
 - Quantity: 5 sets for five smart houses
2. **Climate Sensor Set (with steel Stand)- Digital interface, USB or Ethernet interface**
 - **T+RH Sensor**
 - Type: Thermistor Sensor
 - Precision: $\pm 0.3^{\circ}\text{C}$ (zero to 80 degree) (Temperature), $\pm 2\% \text{RH}$ (10-90%) (RH)
 - Quantity: 6 sets (one sensor for outdoor)
 - **PAR Sensor**
 - Range: 0-2500 $\mu\text{mole}/\text{m}^2\text{-sec}$ (380-785nm or better)
 - Accuracy: $\pm 5\% \mu\text{mole}/\text{m}^2\text{-sec}$
 - Quantity: 6 sets (one sensor for outdoor)
 - **CO2 Sensor**
 - Range: 0-2000 ppm
 - Precision: $\pm 5\text{PPM}$
 - Quantity: 6 sets (one sensor for outdoor)

 - **Shade net controller** for Five greenhouses
 - **Display panel to display live climatic data with more than 90 cm with 4K display to ensure the font visibility and Ethernet port**
3. **Computer System with UPS for data storage and processing**
 - 14th Gen Intel Processor, Intel Core i9, 256GB DDR5 RAM, 4TB SSD with 24GB GDDR6 or better with 28 inches dual monitor.
 - Includes MS Office and Windows 11 Home.
 - Quantity: 1 set
4. **Computer Software**
 - Centralized software to monitor and program chambers with networked Windows compatibility with installation media and accessories.
 - Features: User communication, diagnostics, usage tracking. And visualization of data as graphs as when required
 - Quantity: 1 set
5. **Networking System**
 - Includes communication modules (1GBPs or better) with WiFi 7 capabilities, power module, and communication cables.
 - Quantity: 1 set
 - Complete networking on 1GBPS or better
6. Three-year warranty and software support
7. The firm should have five or more installation in govt organization