



भा.कृ.अनु.प.- केन्द्रीय आलू अनुसंधान केन्द्र
मुत्तोरई, उदगमंडलम - 643 004, नीलगिरी (तमिलनाडु)

ICAR-CENTRAL POTATO RESEARCH STATION

Muthorai, Udhagamandalam - 643 004, The Nilgiris, Tamilnadu



No.F.3-3/ 794 /2020

Date : 24.01.2020

Dear Sir(s),

Sealed bids/quotations are invited for the supply of the following item(s)/goods, so as to reach by 4.30 P.M on 14.02.2020. The quotations received after due date & time and incomplete in any respect will not be considered and no correspondence in this regard will be entertained.

Sl. No.	Brief description of the goods	Specifications	Quantity	Earnest Money
1	Gel Documentation System	List attached	1	13000/-

2. The EMD amount of Rs. 13, 000/- in the shape of bank draft of Head, ICAR-CPRS payable at Ooty will have to be attached with the quotation. The quotation without EMD shall not be acceptable at any cost.

3: The rate should be quoted for 1 No. of Gel Documentation unit.

4. The quotation completed in all respect to be sent to The Head, ICAR- Central Potato Research Station, Muthorai, Ooty The Nilgiris-643004, in sealed envelope mentioning clearly on the top of the envelope "Quotation/bids for the supply of "Gel Documentation unit" to be opened on 15.02.2020 at 11.00 am.

5. The delivery of goods shall be FOR destination i.e. ICAR- CPRS, MUTHORAL Ooty.

6. The firm should clearly mention the delivery period, which normally should not be more than 60 days.

7. Quotations should be inclusive of all packing and other forwarding expenses and freight Charges.

8. Quotation should remain valid for acceptance for a period of not less than 90 days after the specific date of opening of the offer.

9. Offer should be from ex-stock, indicating minimum delivery period

10. With regard to taxes, please quote/specify the GST percentage and also provide GST certificate of the firm.

11. If the firm does not mention clearly about GST it would be assumed that the rates quoted are inclusive of all these, and subsequently no request for charging these as extra will be entertained in this regard.

12. The Successful bidder after supply order issued by the Head, ICAR-CPRS, if failed to supply request quantity, the Head, CPRS/ Director, CPRI is embowered to take suitable action including withheld of payment against the bidder.

13. The firm also furnishes the users list so as to judge its creditability and reputation. The payment of goods will be made on completion of satisfactory supply, actual receipts, inspection and approval.

14. The Director/Head of Station reserve the right to accept reject all or any of the quotations in part or full at any time prior to award of contract without assigning any reason.

[Handwritten Signature]
HEAD

[Handwritten Signature]

Telephone: Office: 0423-2550669, Fax: 0423-2550044, Mobile: 09488539719 Email: headcprs@gmail.com



एक कदम, एक स्तर
विज्ञानों की समृद्धि

AgriSearch with a human touch

Specification for Gel Documentation System

A. Camera

1. Camera type: 16-bit Scientific-grade
2. Native resolution: 3-5 megapixel
3. Extended resolution: 5-10 megapixel
4. Shades of grey : >65,000
5. >4.0 OD dynamic range
6. Field of view: 25-30x20-25 cm
7. Passive cooling system: Required
8. High-speed USB technology for faster capture

B. Darkroom

1. Material: Stainless-steel with chemical-resistant paint
2. Door aperture: Full for easy access of darkroom
3. Preferred Technology: Uvipure
4. Automation: Fully automated with 100% software-controlled darkroom & exposure

C. Illuminations

1. LED panels: Epi-white
2. Transilluminators area: 20M-312nm, 20x20cmu
3. Conversion screens: Transwhite or blue light
4. Emission Filter: 15- 20 emission filters

D. Software

1. Preferred software: Uvitec-1D
2. Type of software: license-free software for unlimited users and computer
3. Acquisition modes: Auto, Manual, Preview, 3D visualization and live-3D acquisition modes etc.
4. Image enhancement tools: text, crop, rotate, background subtraction etc.

E. Utility (Compatibility and analysis)

1. Compatible Gels: DNA, RNA and Protein gels.
2. Compatible stains: Ethidium Bromide, GelRed, GelGreen, Midori, Emerald, SYBR Safe/Gold, SYBR GreenI/II, Bodiply, SyproRuby, DAPI, Colorimetric stains (Coomassie, Cooper, Silver, Ponceau S Red Stain-free enabled)
3. Other: Visible imaging; colony dish, X-ray films
4. Analysis: quantification/normalization, MW, distance calculation/R&F, colony counting etc.

F. Computer

1. RAM: 2GB
2. System type: 32 or 64 bit
3. Windows: Original 7 or above

The specification mentioned here are not specific to any brand or model.

[Handwritten signature]
21/01/2020