



**ज्वार अनुसंधान निदेशालय**  
**DIRECTORATE OF SORGHUM RESEARCH**  
(भारतीय कृषि अनुसंधान परिषद/Indian Council of Agricultural Research )  
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**INVITATION FOR QUOTATIONS FOR SUPPLY OF  
GOODS UNDER INTERNATIONAL SHOPPING PROCEDURES**

To

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Dear Sirs,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY OF '**Gel documentation unit**'  
GOODS AS DESCRIBED

1. You are invited to submit your most competitive quotation for the following goods:-

Brief Description of the Goods	Specifications*	Quantity	Delivery Period	Place of Delivery	Installation Requirement if any
<b>Gel documentation unit</b>	As given below	1	30 days	Stores Officer, DSR, Rajendranagar, Hyderabad 500 030	Yes

\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

**Detailed description**

High performance automated Gel documentation unit with following specifications:

*Image capturing:* System be provided with CCD Camera (12-bit Scientific Grade) having at least 1.4 Megapixel Resolution. It should have Flat Field Calibration for uniformity of light acquisition cross the sensor. Camera should be provided with motorized zoom lens (8-48 mm) having provision of Auto Image Capture with single button click. Camera zoom, focus and iris as well as exposure time should be simultaneously and automatically controlled and adjusted with single click.

*Darkroom:* Darkroom should be metallic and chemiluminescence imaging ready, which should be fully controlled through computer as well as through touchpad on darkroom. Provision of at

least 4-position motorized filter wheel be available for multiplex Imaging. This should be under controls through touch panel on darkroom as well as through software. Provision of automatic switching off of light source after image acquisition be provided.

*UV transilluminator:* It should be mounted on slide out tray. There should be source for dual wavelength (302 and 365nm) without changing tubes, having dual intensity (Hi/Lo). Imaging area should be at least of 25 x 30 cm. There should be independent source for Transilluminated white light. Dual Epi-White Lights.

*Dimension:* Less than 40 cm (L) x 55 cm (W) x 70 cm (H)

*Software:* Software for acquisition, enhancement, editing, annotation, archiving & analysis including features like 1-D multilane densitometry, 2-D spot densitometry, MW, Rf analysis, Microtiter plate, Eli-spot, Array & Dot Blot Analysis, Colony, Cell & GFP Yeast Counting, Q-PCR, Zymogram gel analysis, Gel Scoring, Band matching, RFLP, RAPD, Fingerprinting, Dendrogram creation (options for Dice, Jacard, Pearson, Frequency, Similarity Coefficients) & Cluster analysis with multiple methods including Neighbor joining, UPGMA, WPGMA, Simple linkage, complete linkage, ward, median, centroid etc. Movie Mode facility should be available. Software should include at least two additional stand-alone copies of the analysis software.

*Portable data handling device with printer:* Branded portable data handling device should be provided with Intel Core Processor, 500GB HDD, 4 GB RAM, DVD writer, 15" LED color monitor, Keyboard, mouse, 4 USB ports, battery Li-ion cell, Laser colour printer (minimum 15 ppm; Up to 2400 x 600dpi effective output; processor 360 MHz; memory 256 Mb; interface Hi-Speed USB, Ethernet 10/100 Base TX).

Only licensed and authorized system should be quoted with all accessories, minimum one year on-site warranty, annual maintenance contract, list of satisfied users, original technical literature and operation manual, installation, on-site and in-lab system- application training of all project staff, continuous technical support from qualified service engineers, assurance for prompt supply of essential consumables to conduct analysis with the instrument and compliance statement of specifications with deviations clearly marked.

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to US\$ 14 crores towards the cost of the NAIP Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

### 3. **Bid Price**

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) Prices for Goods supplied from within the country (including previous imported item) shall be quoted EXW (Ex-work, ex-warehouse, ex-showroom or off-the-shelf as applicable) including all duties and sale and other taxes already paid or payable on the raw materials and components.

- c) For goods offered from abroad (i.e., not previously imported) prices shall be CIF or CIP [which are exclusive of custom duty]
  - d) Customs duty on the final goods and sale/similar taxes levied in connection with the sale of goods shall be shown separately.
  - e) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
  - f) The Prices may be quoted in any currency of the Bank-member countries.
4. Each bidder shall submit only one quotation. Quotation shall be submitted in writing i.e., by fax, telex, letter of electronic messaging.

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- a. are properly signed ; and
- b. conform to the terms and conditions, and specifications.

The Quotations would be evaluated separately for each item.

Quotations are compared after adding to the quoted price, the estimated cost of inland transportation and insurance if any to the final destination. For purposes of comparison, prices are converted into local currency at the exchange rates prevailing on the date of opening of Quotations.

Customs duty on the imported goods and sales/similar taxes levied in connection with the sale of goods shall not be taken into account in evaluation.

7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Payment shall be made immediately after delivery of the goods in the currency of the Quotation.

9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.

10. You are requested to provide your offer latest by **11.00hours** on **15th OCTOBER 2013**

11. We look forward to receiving your quotations and thank you for your interest in this project.