



## भा कृ अनु प-केन्द्रीय कंद फसल अनुसंधान संस्थान

(भारतीय कृषि अनुसंधान परिषद, कृषि और किसान कल्याण मंत्रालय, भारत सरकार)  
श्रीकायम, तिरुवनन्तपुरम-695 017, केरल, भारत

**ICAR- CENTRAL TUBER CROPS RESEARCH INSTITUTE**  
(Indian Council of Agricultural Research, Ministry of Agricultural and Farmers Welfare, Govt. of India)  
Sreekariyam, Thiruvananthapuram-695 017, Kerala, India



F. No.28/2019-RKVY-IMAGE (Major Eq.)-VIII

Date: 11.02.2020

### NOTICE INVITING QUOTATION THROUGH E-PROCUREMENT

Online Bids are invited from the reputed firms under two bid system for **Flow Cytometer (Technical specification given in the Annexure I)** Rate shall be quoted in the Microsoft Excel sheet uploaded as BOQ on the CPPP Website. (on CPPP site <https://eprocure.gov.in/eprocure/app>) Manual bids will not be accepted. Tender documents may be downloaded from e-Procurement website of CPPP <https://eprocure.gov.in/eprocure/app> as per the schedule given in CRITICAL DATE SHEET as under:-

Tender No	F. No.28/2019-RKVY-IMAGE (Major Eq.)-VIII
Date and Time for Issue/Publishing	11.02.2020 at 3.30 pm
Document Download/Sale Start Date and Time	11.02.2020 at 4.30 pm
Bid Submission Start Date and Time	12.02.2020 at 10.00 am
EMD Submission End Date and Time	02.03.2020 at 04.00 pm
Bid Submission End Date and Time	03.03.2020 at 12.00 pm
Date and Time for Opening of Bids	04.03.2020 at 12.00 pm
Address for Communication	Director ICAR-Central Tuber Crops Research Institute Sreekariyam, Thiruvananthapuram Kerala-695017

1 Bidders are advised to follow the instructions provided in the 'Instructions to Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>

2. The tender form/bid documents may be downloaded from ICAR-CTCRI Website [www.ctcri.org.in](http://www.ctcri.org.in) or from the website: <https://eprocure.gov.in/eprocure/app> Online submission of Bids through Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) is mandatory. Manual/Offline bids shall not be accepted under any circumstances.

3. Tenders/bidders are requested to visit website <https://eprocure.gov.in/eprocure/app> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.

4. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The ICAR-CTCRI reserves the right to accept or reject any or all the tenders.
5. ICAR-CTCRI will not be responsible for any delay in enrolment/registration as bidder of submitting/uploading the offer on-tender portal. Hence, bidders are advised to register in e-tendering website <https://eprocure.gov.in/eprocure/app> and enroll their Digital Signature Certificate and upload their quotation well in advance.
6. Not required to deposit any tender fee.
7. Bidder need not to come at the time of Technical as well as Financial bid opening at ICAR-CTCRI. They can view live bid opening after login on CPP e Procurement Portal at their remote end. If bidder wants to join bid opening event at ICAR-CTCRI then they have to come with bid acknowledge slip that generates after successfully submission of online bid.

### TERMS AND CONDITIONS

- (a) The Flow Cytometer should be supplied, installed and tested at ICAR-Central Tuber Crops Research Institute, Regional Centre, Dumuduma Housing Board P.O, Bhubaneswar, Odisha-751019.
- (b) This Institute is registered with the Department of Scientific and Industrial Research (DSIR) for purpose of availing duty exemption for research purpose in terms of Government Notification No.51/96 -Customs dated 23.07.1996 and Central Excise duty exemption in terms of Government Notification No.10/97-Central Excise dated 1.03.1997 as amended from time to time and entitled for exemption from payment of Excise Duty/ Customs Duty.
- (c) Earnest Money Deposited  
An earnest money of Rs 50000/- can be submitted in the form of Demand Draft/Bankers Cheque in favour of 'ICAR Unit- CTCRI' payable at State Bank of India, Kallampally Branch Sreekariyam, Thiruvananthapuram. Name of the Bidder, Tender and Tender reference No. has to be furnished behind the earnest money deposited DD/Bankers Cheque. The scanned copy of earnest money deposited by the way of DD/Banker Cheque or its exemption Certificate in PDF form should be uploaded in the relevant field of the E-Tender. The offers without earnest money deposited will be rejected. **Earnest Money Deposited must be reach physically at the place of opening of the tender on or before 02.03.2020.** Failing which tender will be rejected.
- (d) The earnest money deposited will be returned to the unsuccessful bidders after the orders are placed with the successful bidder
- (e) BID Validity : A bid shall remain valid for the period of 90 days from the date of opening tender.

- (f) **Performance Security Deposit**  
The contractor shall within 21 days from the communication of the acceptance of tender, furnish a Security Deposit at the rate not less than 10% of the total consideration payable under the Contract. The security shall be (i) Bank Guarantee, Demand Draft in favour of the ICAR Unit -CTCRI, Thiruvananthapuram. No other form of receipts shall be accepted. The performance security will be discharged by the purchaser and returned to the supplier on completion of the suppliers' contractual obligations including the warranty obligations under the contract.
- (g) As per the existing rules, no advance payment will be made.
- (h) The bill should have GST number and GST number of ICAR-CTCRI.
- (i) Any loss, damage, pilferage etc. of the material on transit will be sole responsibility of the supplier.
- (j) Supply should be made full against the order and no part supply will be accepted.
- (k) Supply will be completed within the stipulated date of delivery given in the supply order. No extension will be granted except in the case of natural calamity, factory lock out etc. which is beyond the control of supplier. In such cases supplier shall/should approach this office well in advance but not later than the date for consideration towards extension of date of delivery.
- (l) The ICAR-CTCRI reserve the right to reject the stores/work in case these are found not conforming to specification/sample prescribed.
- (m) During evaluation and comparison of bids, the buyer may, at his discretion, ask the bidder for clarification of his bid. The request for clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.
- (n) Any clarification regarding size, specification or printing mistake, if any, can be sought by the bidder before 'Clarification End' date. No request for change in Make/model number/size/ specification etc on any pretext will be entertained post-bid.
- (o) Supply orders are liable for cancellation without assigning any reasons prior to actual supply of stores within the time specified for supply in the supply order.
- (p) The rate should remain valid for three months.
- (q) As per the existing rules, no advance payment will be made.
- (r) The right to accept or reject any or all of the quotation in full or part thereof is reserved by the Director, CTCRI, Thiruvananthapuram.

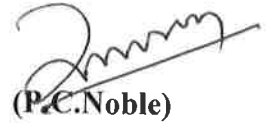
- (s) The rates are to be quoted to have a minimum validity for a period upto 90 days from the last date of submission of quotation/tender and the rates are to be quoted with cost and supply of all materials at site, taxes, transportation of material and labour charges etc.
  - (t) Any bid found without GST No & certificate will not be admitted and treated as cancelled.
- Scanned copies of the following document to be uploaded at the time of bid submission. Bid will not be considered in absence of these documents.

**Cover-I**

- (a) Copy of PAN//GST number.
- (b) Bank account details.
- (c) Tender acceptance letter to be given in company - As per Annexure-II letter head.
- (d) Scan copy of EMD deposited.
- (e) Technical specification of the equipment - As per Annexure -II
- (f) The company should provide the lists of successful installations in India.

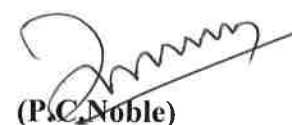
**Cover-II**

- (a) Price bid as BOQ



**(P.C.Noble)**  
**Asst Administrative Officer (Store)**

Description of the articles required	Qty
<p><b>Technical specifications for Flow Cytometer</b></p> <ul style="list-style-type: none"> <li>• BENCH-TOP FLOW CYTOMETER with side scatter Facility.</li> <li>• The system should have a 488nm Blue LASER with minimum five parameters, up to three color analysis capabilities along with FSC and SSC.</li> <li>• The instrument should work with low sample volume of 500 to 1000µL and 1.5 to 2.0 mL sample tubes.</li> <li>• System should have variable flow rates from low to high.</li> <li>• System should be able to detect particle size 0.2 to 50µm or above.</li> <li>• System should have fixed optic and should be on-site upgradable to 3 or more LASERS.</li> <li>• Ultra sensitive fluorescence detection system with Photomultiplier tubes (PMT) or CCD.</li> <li>• System should have capability to give absolute count of cells without reference beads.</li> <li>• System should come with external PC with required Configuration for maximum data analysis flexibility.</li> <li>• System should have both turnkey software as well as open platform.</li> <li>• System should come with automated Daily QC check within acquisition software without exporting QC data to external software tool for calculation.</li> <li>• The system should have the fluorescence dynamic range 5 decades.</li> <li>• System should generate low waste solution; it should not be more than 1 Ltr/8 Hrs of run.</li> <li>• The company should provide 1 KV UPS (at least 30 min-1hr power backup)</li> <li>• Start up kit may be provided for 500 tests analysis</li> <li>• The instrument should be compatible with extra data analysis software - FCS Express-6/Flow Jo V 10.0 (01 licensed).</li> <li>• Power requirement 220V, 50 Hz. To run directly from Indian mains.</li> <li>• Equipment (including lasers) should have minimum of three years of the warranty from the date of installation. Company should have a commitment to provide all required spare parts/accessories for a period of min 5 years.</li> <li>• Company should have dedicated application specialists with a proven track record to provide onsite training for analysis for Ploidy analysis in plant. The company will provide adequate training sessions based on applications and data analysis.</li> <li>• The company should provide the lists of successful installations in India.</li> </ul> <p><b><u>The Equipment should be supplied, installed and tested at ICAR-Central Tuber Crops Research Institute, Regional Centre, Dumuduma Housing Board P.O, Bhubaneswar, Odisha-751019.</u></b></p>	1



(P.C. Noble)

Asst. Administrative Officer (Store)

**TENDER ACCEPTANCE LETTER**  
(To be given on Company Letter Head)

Date:

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sub: Acceptance of terms and conditions of tender.

Tender Reference No :

Name of tender/work \_\_\_\_\_

Dear Sir,

1. I/We have downloaded/obtained the tender documents for the above mentioned Tender/work from the web site(s) namely:

\_\_\_\_\_  
\_\_\_\_\_

As per your advertisement, given in the above mentioned website(s).

2. I/We hereby certify that I/We read the entire terms and conditions of the tender documents from Page No \_\_\_\_ to \_\_\_\_\_ (including all documents like Annexure(s), Schedules(s) etc..) which form part of the contract agreement and I/we shall abide hereby the terms/conditions/clauses contained therein.

3. The corrigendum(s) issued from the time by your department/organization too have also been taken into consideration, while submitting this acceptance letter.

4. I/We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/corrigendum(s) in its totality/entirety.

5. I/We do hereby declare that our Firm has not been blacklisted/debarred by any Govt. Department/Public Sector Undertaking.

6. I/We certify that all information furnished by the our Firm is true and correct and in the event the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours faithfully,  
(Signature of the Bidder, with Official Seal)