



भाकृअनुप - केन्द्रीय बारानी कृषि अनुसन्धान संस्थान

ICAR - Central Research Institute for Dryland Agriculture

संतोषनगर, सैदाबाद-पोस्ट हैदराबाद ५०००५९ Santoshnagar, Saidabad P.O. Hyderabad 500 059

040-24530161,24530163,24530224 Fax:040-24531802 www.crida.in Email : stores@crida.in



F. No: 9-1/(23)/2015/ST/NICRA

Date: 14.01.2016

Sub: Quotation is invited for supply of Time Domain Reflectometer (TDR) for soil moisture measurement. – Reg.

Dear Sir (s),

Quotations are invited for following items cited below:

Name of the Items
Time Domain Reflectometer (TDR) for soil moisture measurement
Specifications:-
Specifications and required quantity of above item list is enclosed herewith

TERMS & CONDITIONS

- 1) The last date for submission of quotation is on or before **05-02-2016**. Rates offered shall be F.O.R. CRIDA, Hyderabad
- 2) Quotations should be sent by post only in a sealed cover addressed to the Director, Central Research Institute for Dry land Agriculture, Santoshnagar, Saidabad Post, Hyderabad – 500 059. The cover containing quotation should invariably be super scribed. The quotations in person by hand will not be accepted.
 - a) Enquiry F.No. 9-1/(23)/2015/ST/NICRA
 - b) Due on **05-02-2016**
- 3) For supply of Time Domain Reflectometer (TDR) for soil moisture measurement .
- 4) The quotation should remain open for acceptance for a period of 90 days from the date (due date)
- 5) Bid security (EMD). The quotation should accompany with a bid security of Rs. 5000/- (Rupees Five thousand only) in favour of "ICAR unit A/c, CRIDA, Hyderabad " in the form of Demand draft. The prescribed bid security will be returned to the unsuccessful bidders . The bid security in the case of successful bidder will be returned only after the completion of warranty /Guarantee period.
- 6) No advance payment/delivery against payment is permissible. However, the payment shall be arranged in 10 days from the date of submission of pre-receipted bill in triplicate along with stores.
- 7) 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.)
- 8) This Institute is not in a position to supply any ' D ' or 'C' forms.
- 9) While quoting the rates please mention the following:
 - Approximate time for supply of stores from the date of placing order.
 - Guarantee/Warranty/Expiry period
 - In case you have got any rate contract with the DGS&D, the same may be indicated
 - Any other condition

Quotation which do not conform to the above terms and conditions will not be considered. The Director, Central Research Institute for Dryland Agriculture, reserves the right to accept or reject any or all quotations without assigning any reasons thereof.

Yours Sincerely

(Er C Y K N Rao)
Stores and Purchase Officer

Web Site: www.crida.in Email: stores@crida.in Phone:(040) 24530161, 24532077, 24532243, 2452265,24530157,24532099,24532577 Fax No. 91-040- 24531802

Specifications for TDR probe for soil moisture measurement

S. No	Specifications	Quantity
1.	The TDR probe should have capacity to measure the soil moisture upto 40 cm or 50 cm soil depth at every 10 cm interval. It should have high quality inbuilt/integral soil moisture sensors on TDR probe. Sensor should have the flexibility of connection and disconnection quickly and easily. The TDR probe should have the high quality connector for reliable and adaptable connectivity with wide range of cable length and connectivity options. Also should have the protective tube to cover the probe. The measurement of accuracy should not be less than ± 0.04 m ³ m ⁻³ with a wide range of temperature.	One set
2.	The TDR probe should have high quality and durable fibre glass tube for installation in augured hole including tube caps. The length of the access tube should not be less than 40 cm. The diameter of the access tube may ranges between 25 to 30 mm diameters.	80 (Eighty in number)
3.	The moisture meter (for TDR probe) should be compatible with TDR probe. It should have minimum 1.5 m cable length for connect TDR probe to moisture meter and also should have high quality connector for sensor or PC connection, connector cap, software (data collection software and manuals disk), battery and cable assembly.	One set
4.	Augur kit of suitable diameter for access tube installation up to 40 or 50 cm. It should also include access tube insertion, stabilisation plate, and access tube insertion rod.	One set
5.	Also quote for compatible field data recording/demonstration note book with adequate storage facilities and latest configuration.	One set
6.	Company should have adequate infrastructure for service and repair of the instruments.	
7.	Quote along with user list, manual for user application, warranty and all other accessories required for the successful install, demonstration and running of the unit.	