

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN INSTITUTE OF REMOTE SENSING
IIRS
DEHRADUN
PURCHASE & STORES
INVITATION TO TENDER**

Ph No: 0135 - 2524317, 4318
Fax 0135 - 2748041
Email: pns@iirs.gov.in

Date : 18/07/2014

M/s

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Our Ref No : GIER 2014-000157-01

Tender Due: 15:00 Hrs IST on 12/08/2014

Dear Sirs,

Please submit your sealed quotation, in the Tender Form enclosed here along with the descriptive catalogues / pamphlets / literature, superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No:)

S.No.	Description of Items with Specifications	Unit	Quantity
1	ThetaProbe Soil Moisture and Temperature Sensor (Specifications as per annexure enclosed)	Nos.	1

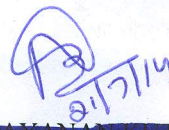
DELIVERY AT: IIRS

MODE OF DESPATCH DOOR DLVRY

DUTY EXEMPTIONS

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS


V.V. NARAYANAN KUTTY
PURS. & STORES OFFICER
For and on behalf of the President of India
The Purchaser

Terms & Conditions:

1. Material should be delivered & installed at IIRS
2. Payment will be made within 30 days from date of receipt of supply and acceptance of the material for orders value upto Rs.2.0 lakhs.
3. We cannot furnish Form C/D. Please indicate the applicable percentage of Trade tax / VAT in your quotation, if applicable. Otherwise the quoted rate will be considered as inclusive of all taxes.
4. Clearly mention the Make / Brand of the item in your quotation. Please enclosed the Authorization Certificate from the principal of the quoted Make / Model along with the quotation.
5. Also clearly mention the exact delivery period and validity of your offer shall be min 60 days.
6. **Compliance Statement of the quoted model may please furnish along with the quotation, without complicate statement quotations will not be considered**

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Ph No: 0135-2524317

Fax No: 0135-2524081

Email: pns@iirs.gov.in

Date: 18/07/2014

INDENT NO 2014000157-01 DESCRIPTION Theta Probe Soil Moisture & Temperature Sensors.

S.No	Description of Items with Specification	Unit	Quantity
1.	ThetaProbe Soil Moisture & Temperature Sensor	No.	01

Technical Specifications of Soil Moisture and Soil Temperature Sensor:**Soil Moisture Accuracy/Range:** $\pm 0.01 \text{ m}^3/\text{m}^3$ (1%), 0-0.5 m^3/m^3 ;**Soil Temperature Accuracy/Range:** 0.5°C, -20-40°C;**Environmental:** Environmentally Protected to IP68 Operates with in -40 to +70°C without damage buriable up to 5m (15 ft.) deep in soil or water (waterproof);**Input/Output:** 5-15V d.c. at 15 mA (typical). Output range: 0-1V d.c;**Response Time:** Electrical: <0.5s to 99% of change;**Calibration:** Should not necessary for normal operation;**Dimensions of Rods:** 60mm x 3mm diameter;**Overall Dimensions:** around 170mm x 40mm**The sensor should be compatible with HH2 read out unit for soil moisture readout.****Accessories (Optional)**

- Connection cable (at least 90cm) + extension cable (at least 100cm) compatible with sensor and read out unit
- Extension tube 50 cm and 100 cm each compatible with Theta Probe for up to 1.5 m buriable observation
- Spiral Auger up to 50 mm dia. And 1.5m long.
- User Manual and carry case

Technical Support and Calibration Required