

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

Ph No: 0135 - 2524317
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Date :29/08/2013

M/s

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Our Ref No : GIER 2013-000255-01

Tender Due: 15:00 Hrs IST on 26/09/2013

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 SOIL TEMPERATURE SENSOR KIT (SPECIFICATION AS PER ANNEXURE ENCLOSED)	NO.	1

DELIVERY AT: IIRS

MODE OF DESPATCH ON SITE

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

Handwritten note:
y/ang ok
29/08/13

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.

ThetaProbe Soil Moisture and soil Temperature Sensor Kit

Technical Specification of Soil Moisture and soil Temperature Sensor:

Soil Moisture Accuracy/Range: $\pm 0.01 \text{ m}^3/\text{m}^3$ (1%), 0- 0.5m /m ; **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. atj 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 170 mm x 40mm

With Accessories

- a) Measurement Display/ Readout Unit (Digital) compatible with sensors and recommended by sensor manufactures, storage capability up to 1500 readings or more, with approximate battery life of up to 5000 readings or more.
- b) Connection cable (at least 90 cm) + extension cable (at least 100 cm) compatible with sensor and read out unit
- c) Extension Tube 50 cm and 100 cm each compatible with Theta Probe for up to 1.5 m buriable observation
- d) Spiral Auger up to 50 mm dia. and 1.5m long
- e) User Manual and Carry Case

Technical support and Calibration required

Note : The Supplier should submit the dealership certificate along with the quotations from original manufactures or suppliers & should submit the copy of purchase bills from original manufactures or suppliers along with bill send to IIRS.