

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

Ph No: 0135 - 2524317  
Fax 0135 - 2528041  
Email: pns@iirs.gov.in

Date : 12/10/2013

M/s

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Our Ref No : GIER 2013-000329-01

Tender Due: 15:00 Hrs ISTon 07/11/2013

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	HAND HELD PORTABLE SPECTRORADIOMETER (DETAILED SPECIFICATION AS PER ANNEXURE ENCLOSED)	SET.	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

o/c

**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. For order value above 2.0 lakhs, 90% payment within 30 days and 10% against Bank Guarantee for the warranty period.
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

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Ph No: 0135-2524317

Fax No: 0135-2524081

Email: [pns@iirs.gov.in](mailto:pns@iirs.gov.in)

Date: 12/09/2013

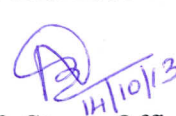
INDENT NO      2013000329      DESCRIPTION      HAND HELD PORTABLE SPECTRORADIOMETER

S.No	Description of Items with Specification	Unit	Quantity
1.	HAND HELD PORTABLE SPECTRORADIOMETER	SET	01

**Specifications**

- ❖ Wavelength Range: 325-1075 nm. Wavelength Accuracy  $\pm 1$  nm, Spectral Resolution < 3.0nm @ 700 nm.
- ❖ Noise equivalence Standard:  $5 \times 10^{-9}$  W/cm<sup>2</sup>/nm/sr @ 700nm,
- ❖ Radiance (NE<sub>D</sub>L). Pro:  $5 \times 10^{-10}$  W/cm<sup>2</sup>/nm/sr @ 700 nm. Integration Time: 8.5 ms minimum (selectable),
- ❖ Field of View: 3° & 25°,
- ❖ Memory Storage: Up to 2000 spectrum files
- ❖ Power: Four AA batteries (standard of rechargeable) or 5V 1.5A AC/DC adaptor
- ❖ Battery Life: Factory supplied rechargeable: up to 2.5hrs, Lithium: up to 5 hrs; (manufacturer dependent), Alkaline: approximately 1.5 hrs;
- ❖ Display: 6.8 cm (2.7 in) diagonal, tilting color LCD;
- ❖ Interfaces: One Mini B USB (PC communications), One Mini TRS jack (Remote trigger)
- ❖ Two Type A USB (Future use); Computer: Post processing software sync interface software;
- ❖ Targeting: Integral red laser (available with optional sighting scope)
- ❖ Weight: 1.2kg (2.6 lbs) (w/batteries); Dimensions (HxWxD): 90x140x215mm (3.5x5.5x8.5 in);
- ❖ Temperature Range: 0° to 40°C: Tripod Mount: 1/4"-20 Mounting hole
- ❖ Standard Accessories: Travel case (meets FAA carry-on requirements), White Reference panel, 4 rechargeable batteries, battery charger, AC/DC power supply, USB cable, USB memory stick and D-handle

**Contact Probe:** Length: 10" (25.4cm), Weight: 1.5lbs(.7kg), Power requirements 12-18VDC, 6.5W, Light source type/Life (approx) Halogen bulb/1500hours, Halogen bulb color 2901 +/- 10%K, Spot size temperature 10 mm.

  
 Purchase & Stores Officer  
 For and Behalf of the President of India  
 The Purchaser