

GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
INDIAN INSTITUTE OF REMOTE SENSING  
IIRS

Ph No: 0135 - 2524317

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Email: pns@iirs.gov.in

DEHRADUN  
PURCHASE & STORES  
INVITATION TO TENDER

Date : 17/06/2013

M/s

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Our Ref No : GIER 2013-000149-01

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

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	POINT QUANTUM SENSOR OF PAR WITH 10FT LEAD (FOR INCIDENT & REFLECTED PAR MEASUREMENT), INCLUDE ACCESSORIES:- HARDWARE MOUNT BASE FOR UP & DOWN SENSOR- 01 NO., LEVELLING FIXTURE- 01 NO., MOUNTING ARM- 01 NO. (SPECIFICATION AS PER ANNEXURE ENCLOSED) , <i>make = hikot</i>	NOS.	2

DELIVERY AT: IIRS

MODE OF DESPATCH DOOR DLVRY

DUTY EXEMPTIONS

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS

P.GOPALAKRISHNAN  
PURS. & STORES OFFICER

For and on behalf of the President of India  
The Purchaser

*olc*

**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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**INDENTNO 2013000149**

**DESCRIPTION**

**POINT QUANTUM SENSOR**

Point quantum sensor of PAR (Photosynthetically active radiation) with accessories for mounting

Justification

Two Point quantum sensor of PAR (range 0.4-0.7  $\mu\text{m}$ ) mounted on plate in upward and downward direction will provide continuous measurements of incident and reflected PAR at half-hourly interval. The continuous measurement of incident and reflected PAR will enables parameterization of photosynthesis-light response curves for improving vegetation functioning models and gap-filling of eddy covariance based CO<sub>2</sub> flux.

Teh sensor will generate continuous data of one of the key driving variable in estimating gross primary productivity

Point quantum sensor of PAR (range 0.4-0.7 $\mu\text{m}$ )-2 Nos. with 10 ft lead

Includes accessories

Hardware mount base for UP and Down sensor (1 No)

Leveling fixtures

Mounting Arm

Compatibility to CR 3000 data logger