



GOVERNMENT OF INDIA
INDIA METEOROLOGICAL DEPARTMENT
OFFICE OF THE
DEPUTY DIRECTOR GENERAL OF METEOROLOGY
(SURFACE INSTRUMENTS)

Meteorological Office, Pune – 411 005

Phone No. 020-25535211 Ext 411 Fax No. 020- 25521529

Website : www.imdpune.gov.in

Ref No. : Tender No 73 / I/PUD- 2190/11-12/ Date : 30-01-2012

To

Sir,

Kindly quote for the following stores:

S.No	Description of stores	Quantity
1	Wind divection Sensor : WAV-151 or equivalent (Specifications enclosed)	3(Three) Nos.

Terms and Conditions:

1. The quotation should reach this office before 1430 hrs of 21st February, 2012 in a sealed cover addressed to “The Dy. Director General of Meteorology (Surface Instruments), Meteorological Office, Pune-411 005.” The parties bringing quotations personally may drop the same in the **“QUOTATION BOX”** kept in Admin. Section of this office.
2. The sealed cover should contain two separate sealed covers. One containing technical bid and other financial bid. The seal cover should be super scribed in block letters **“QUOTATION FOR TENDER NO 73/I/PUD-2146/11-12/ DATED 30th JANUARY, 2012 AND DATE OF OPENING IS 21st FEBRUARY, 2012 (WIND DIVECTION SENSOR: WAV-151 OR EQUIVALENT).**
3. Your quotation has to clearly mention the full specifications; make (if applicable) of the item along with brochure (if applicable).
4. **Delivery period** : within **10 days** from the date of receipt of order.
5. **Terms of payment**: 100% within 30 days from the date of acceptance of the store.
6. The rates quoted should separately indicate Packing and Forwarding charges, Sales tax, VAT, Excise duty and any other applicable taxes / charges, etc. No extra charges will be paid / entertained after opening the bids. **Rates should be quoted in Indian Rupees only.**

7. In spite of issuing necessary certificate for exemption of octroi, road tax and entry tax, if any changes are paid by firm same will not be reimbursed by his office.
8. **Validly of quotation:** 30 days from date of opening of tender
9. The quotations will be opened at 1430 hrs on the due date. The bidder may remain present at the time of opening of the quotation, if desire.
10. The right to ignore/cancel quotations which fail to comply with the above instructions is reserved.

Yours faithfully,

(V S Savgave)
Assistant Meteorologist Gr.I
for Dy. Director General of Meteorology
(Surface Instruments)

SPECIFICATIONS OF WIND DIRECTION SENSOR

Transducer type:	Optical code disc
Measuring range	At wind speed 0.4 ... 75 m/s 0 ... 360°
Threshold	0.4 m/s
Resolution	5.6°
Damping ratio	0.14
Overshoot ratio	0.65
Delay distance	0.4 m
Accuracy	better than $\pm 3^\circ$
Operating power supply	9.5 ... 15.5 VDC 20 mA typical
Heating power supply	AC or DC 20 V, 500 mA nom.
Output code	6-bit parallel GRAY
Output levels	With Iout < +5 mA High state > Uin -1.5 V With Iout > -5 mA Low state < 1.5 V
Settling time after power turn-on	< 100 μ s
Plug	MIL-C-26482 type
Cabling	10-wire cable through cross arm
Operating temperature	With shaft heating below +0 °C -50 ... +55 °C
Storage temperature	-60 ... +70 °C
Housing material	AlMgSi
Dimensions Swept radius of vane	172 mm 300 (h) \times 90 (\emptyset) mm
Weight	660 g or better

Warranty : One year repair/ replacement from the date of acceptance.

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