

# VISVA-BHARATI

ACHARYA

SRI NARENDRA MODI

UPACHARYA

PROF. SUSHANTA DUTTAGUPTA

(Established by the Parliament of India under

Visva-Bharati Act XXIX of 1951

Vide Notification No. 40-5/50 G.3 Dt. 14 May 1951)

FOUNDED BY

RABINDRANATH TAGORE

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No. GEO/F.F-GPS/2015-16

Date - 23.11.2015



## FORMAT FOR NOTICE INVITING TENDER/QUOTATION ENQUIRY

Sealed quotation are invited from bonafied interested suppliers for quoting the lowest rate (inclusive of all taxes, charges including delivery charges, fees, levies, cost of transportation, installation, training etc) for purchase of the following items so as to reach the Head, Geography, Visva-Bharati, P.O Santiniketan-731235, Dist. Birbhum, West Bengal on or before the date and time noted below.

**Last date & time of submission: 03.12.2015 up to 1:00 P.M. IST**

### Annexed-A

Sl No	Item	Specification	Quantity
1.	<b>Digital Depth Measurement Instrument (Fish finder)</b>	<b><u>Physical &amp; Performance:</u></b> Unit dimensions: WxHxD: 6.00"x5.9.00"x1.8" Display size: WxH: 2.9"x9.0" Display (WxH): 272 x480 pixels (minimum) Display Type: WQVGA 256 colours (minimum) Weight: 500 gram(Approx) , Waterproof <b><u>Feature:</u></b> Audible alarms, Dual frequency-sonar capable, Dual beam-sonar capable, split screen-Zoom, Auto gain, white line adjustable depth line, bottom lock, water temp. record & graph capability, water temp. sensor included, water speed. <b><u>Others specification:</u></b> Frequency: 200/77khz Transmit power: 300W(RMS), 400W(peak to peak) Voltage range: 10V-28V input Cone angle: 1500ft/600ft salt water, Additional: 60° or 120° (Dual beam) capacity	<b>02 (Two)</b>
2.	<b>Global Positioning System (Handheld GPS)</b>	<b><u>Positional Accuracy (HRMS)</u></b> a. 1-3 m meter post processed b. 2-5 m real time with SBAS c. 5-10 m standalone GNSS accuracy <b><u>GPS Specification</u></b> a. Channels – minimum 12 Channels b. GPS – L1 code c. SBAS – WAAS/EGNOS/MSAS d. NMEA and SirtProtcol Support <b>Processor Speed – 530 MHz (minimum)</b>	<b>06 (Six)</b>

प्रोफेसर और विभागाध्यक्ष  
Professor & Head  
भूगोल विभाग  
Department of Geography  
विश्वभारती, शान्तिनिकेतन  
Visva-Bharati, Santiniketan

### Memory

- a. 128 MB RAM (minimum)
- b. 128 MB flash memory (minimum)
- c. Support micro SD card up to 16 GB

### Display Screen

- a. 3.5 inch diagonal length or better
- b. Sunlight Readable
- c. Color and touch screen
- d. 240 x 320 pixel (minimum)

### Battery

- a. 8 hours or more with GPS and backlight ON
- b. Removable & Rechargeable Li-Ion Battery

Communications- USB client port for data transfer

Operating System- Windows Mobile 6.1 or better, English lang.

Dust/Water resistance – as per IP4X ratings or better for protection against small objects >1mm

Weight – Should be less than 250 g with battery


Data logging interval – 1 second

Data logging software features

- a. Provide second by second global display of the number of satellites tracked, satellite geometry and differential GPS position status
- b. Provide audio-visual warnings for GPS position loss
- c. Provide in field mission planning module for daily planning of GPS data collection schedule
- d. Display of collected features and GPS coordinates in UTM coordinate system
- e. Provide easy to use zoom in, zoom out, pan, autopan, select, query, measure, search, and filter capabilities
- f. Provide clear map symbology and colouring, including GPS position, navigation targets, and start points
- g. Collecting point, line, and polygon with attribute
- h. Support customized user interfaces allowing field workers to see better data overview with high accuracy
- i. Support point offsets including distance-bearing, bearing-bearing, triple bearing, distance-distance and triple distance offset types.
- j. Include attribute entry including repeat functions, default values, menu pick lists, auto-incrementing, and auto generation of date and time attributes
- k. Should collect raw data for post-processing the data for improving GPS accuracy
- l. Support for logging data directly to a removable storage
- m. Allow configuration of navigation information including distance, direction, bearing, heading, velocity, cross track error, altitude and turn direction
- n. Provide easy intuitive navigation to a target.
- o. Support for waypoint upload and display

### Accessories details

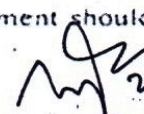
- a. USB cable for data transfer
- b. Stylus for touch screen operation
- c. Li-Ion battery (rechargeable)
- d. AC Power Supply

  
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### Terms & Condition of Purchase

1. The offers address to the H.O.D., Department of Geography, Visva Bharati, Santiniketan-731235, must be sealed and marked as Enquiry No. 1 Dated 23.11.2015 due date 03.12.2015 on the face of the
2. Apart from other applications in respect of the quality, standard, terms etc., the offer should specially clarify the points noted below, in the following order:
  - i) *Validity of offer*
  - ii) *Central Sales Tax/VAT Sales Tax/Service Tax*
  - iii) *Period of Delivery*
  - iv) *Excise Duty*
  - v) *Insurance*
  - vi) *Packing and forwarding Charges and Freight*
  - vii) *Other incidental charges*The rates and terms should be noted on F.O.R./F.O.B. basis or delivery at V.B. site
3. Below are the details of the above points:
  - i) *Validity of the offer* - Here please mention the time (From \_\_\_\_ to \_\_\_\_ ) up to which your quotations shall be current. The quotationer shall have no right to revise them within the period given here on the plea of fluctuations in the market rate. Normally the validity of the offer should be for a specified period of 90 days.
  - ii) *Time of Delivery* - State the period during which the supplies will be effected by you in full.
  - iii) *Place of Delivery* - Mention clearly the place of destination, and mode of transit by which the supplies will be effected without any extra charges. The University will prefer F.O.R. Santiniketan prices in case of outstation suppliers, and delivery at our site in case of local suppliers.
  - iv) *Central Sales Tax* - State present rates leviable. In case the same is not applicable, mention 'Not Applicable' and if the prices are inclusive of this sales tax, please write 'Included in the Prices'. The ST/VAT/IT Pan no. or Registration No. (as the case may be) should invariably be quoted in the offer, a photo copy of the latest clearance certificate of the above be enclosed with the offer, failing which the offer will not be considered.
  - v) *Provincial Sales Tax* - As detailed under (iv) above
  - vi) *Excise Duty* - As detailed under (iv) above. (V.B. can provide Excise Duty exemption certificate wherever applicable)
  - vii) *Insurance* - If the rates are inclusive of insurance, please write 'Included in the prices' otherwise state 'Not Included'. In case local suppliers where insurance is not necessary, they may mention 'Does not arise'.
  - viii) *Packing and forwarding charges* - If these charges are accounted for in the prices quoted by you, please mention 'Included in the prices', otherwise please give an approximate charge thereof. It may be noted that the university will pay only the actual expenses on these accounts.
  - ix) *Other incidental charges* - Other charges which are not fully accounted for by the replies given above, may be mentioned.
4. University reserves the right to accept / cancel any of the tender or part thereof without assigning any reason.
5. Suppliers have Rate Contract with Central or Provincial Government should quote along with a certified copy of the current Government Rate Contract.

  
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