

**TP Institute of
Panchayat & Rural Development,
Nimora, Raipur-492020**

II Tender Notice

No. **325** /Tender/TPIPRD./2011 Raipur, Dated: 6/2/2012

Separate sealed tenders are invited for supply of items listed below: Hand held GPS (With Camera) , Hand held GPS(Without Camera), ERDAS IMAGINE Professional Version 2011, A3-Plotter(Colour).

Tenders shall be received up to 3PM on **28/02/2012**.

For further details visit institute's website:

<http://www.cgsird.gov.in>

Director

II Tender Notice

No. **325** /Tender/TPIPRD/2012/

Raipur, Dated 6/2/2012

Sealed Tenders are invited for supply of equipments described in the tender document. The tender shall be received in the office of the Director, **Thakur Pyarelal Institute of Panchayat & Rural Development**, Nimora, Raipur-492015 up to **3 PM on 28/02/2012** by post, courier or directly in the tender box. The Tender documents can be obtained on any working day during **10.30 AM to 3.00 PM up to 27/02/2012** on payment (non-refundable) of Rs. 200 by way of demand draft in favor of the **Director, TPIPRD** payable at Raipur or can be downloaded from the website **www.CGSIRD.gov.in**. Tenders will be opened on **28/02/2012** at 5PM. Tenderers are invited to be present at the opening of the bids. The Director, Thakur Pyarelal Institute of Panchayat & Rural Development, Nimora will have the right to reject any or all the tender without assigning any reason(s) thereof.

Eligibility criteria:

The Technical and Financial tenders must be in two separate envelopes. The **first envelope**, marked as '**Technical bid**' on the cover, should include the following along with duly filled form for Technical bid:

1. **Earnest Money (Refundable)** given below submitted by way of Demand Draft in favour of the **Director, TPIPRD**, payable at Raipur and tender fee (in case the tender documents have been downloaded from the website). **However no need to furnish the fresh EMD for those who have already submitted the EMD along with the first tender**
 - a. Items: **3% of the total amount for which the tenderer is submitting the quotation.**
2. Copy of valid registration with the department of commercial tax in any state of India

The **second envelope**, marked as '**Financial bid**' on the cover, should include the duly filled form of Financial Bid of the tender document. The financial bid of only eligible bidders will be opened for further consideration. All other bids will be rejected.

Terms & conditions

- I. Submission of Tender shall be treated as the Acceptance of all the Terms and conditions of the Tender and any counter terms shall not be accepted.
- II. Brochures and technical material describing model and make of equipment to be supplied should be included in bids.
- III. The rate should be quoted only for the goods that match with the minimum specifications given in the tender document. Point-to-Point compliance statement for technical specifications must be submitted.
- IV. The goods must be delivered before 4 weeks from the date of issue of confirmed purchase order, which may be extended in exceptional circumstances for the next 2 weeks.
- V. The product must be guaranteed for a period of 12 months from the date of delivery against manufacturing defects, if any, except lamps and glass items.
- VI. Bidder should provide Rate for Annual Maintenance Contract for 1 year and 3 years separately.
- VII. Installation /Operational Training should be given by the supplier.
- VIII. Payment terms: 98% payment would be payable after successful demonstration of the specified goods. The balance 2% will be paid on submission of Bank Guarantee for balance 2% value of order valid till warranty period indemnifying the purchaser against all losses incurred by the purchase during the guarantee/warranty.

Certificate

I/We agree to supply the goods listed in the tender document as per the specification provided. I have carefully studied the eligibility criteria and the terms and conditions and completely agree with them. The information furnished along with the tender document is correct. My offer may be rejected in case the information provided by me is found incorrect.

Signature of authorized person

Seal of the firm

Financial Bid

I/we have carefully studied the eligibility criteria and the terms and conditions and completely agree with them. The rate quoted below against the name of the equipment is inclusive of all taxes and the freight charges for delivery at the TPIPRD, Nimora.

Sr. No.	Item	Qty	Description	Make	Rate per unit in Rupees	Rate per unit in Rupees in words
1.	Hand held GPS (With Camera)	02	As described in tender document Annexure-1(1)			
2.	Hand held GPS(without Camera)	01	As described in tender document Annexure-1(2)			
3.	ERDAS IMAGINE Professional Version 2011	01	As described in tender document Annexure-1(3)			
4.	A3-Plotter(Colour)	01	As described in tender document Annexure-1(4)			

Signature of the authorized person
Seal of the bidder

Specification of items

S.N	Item	Specification
1	Hand held GPS (With Camera)	<p>Standard features</p> <p>System</p> <ul style="list-style-type: none"> • Windows Mobile 6.1 in English, French, German, Italian, Japanese, Korean, Portuguese • 533 MHz Samsung processor, • Integrated Bluetooth v2.0 wireless technology, • Integrated 802.11b/g wireless LAN, • Integrated digital camera (color, 3 megapixel resolution), • 128 MB RAM, • 128 MB non-volatile Flash data storage, • microSD (microSDHC compatible) memory card slot, • QVGA display (240 x 320), sunlight-readable color touch screen, • All-day internally rechargeable and removable Li-Ion battery, • Integrated speaker and microphone, • Audio jack <p>GPS</p> <ul style="list-style-type: none"> • Integrated high-sensitivity GPS/SBAS1 receiver and antenna, • 2 to 5 meter accuracy after real-time differential correction, • 1 to 3 meter accuracy after postprocessing, • NMEA and SiRF protocol support, Standard Software, • Microsoft Office Mobile, includes Excel Mobile, Word Mobile, Internet Explorer Mobile, Outlook Mobile, and PowerPoint® Mobile, • Adobe Reader • Transcriber (handwriting recognition), Standard Accessories, • AC Power supply with international adapter kit, • USB data cable, • Stylus (2-pack), • Wrist lanyard, • Rechargeable Li-ion battery, • Quick Start Guide, • Getting Started CD, containing User Guide, • GPS Pathfinder® Tools Software Development Kit (SDK), • GPS Pathfinder Office software, • GPS Controller software for controlling NMEA output and in-field mission planning <p>Optional Accessories</p> <ul style="list-style-type: none"> • TDL 3G cellular modem accessory, • Vehicle power adapter, • Vehicle mount for windshield or dash, • External GPS patch antenna, • Protective OtterBox Defender Series case with belt clip, • Anti-glare screen protectors (2-pack), • Clear screen protectors (2-pack), • Replacement AC Power supply with international adapter kit, • Replacement Li-Ion battery, • Replacement Stylus (2-pack) <p>Technical specifications</p> <p>Physical</p> <p>Size . 12.9 cm × 7.4 cm × 3.0 cm (5.1 in × 2.9 in × 1.2 in), Weight . 0.23 kg (0.52 lb) with battery Processor. 533 MHz Samsung S3C2443 processor, Memory. 128 MB RAM and 128 MB internal Flash storage, Battery. Internal 2600 mAh lithium-ion, rechargeable in unit, Power2 Low (no GPS, backlight ON3). 14 hours, Normal (with GPS and backlight ON) . 8 hours Environmental Temperature, Operating . 0 °C to +60 °C (32 °F to 140 °F), Storage. -20 °C to +70 °C (-4 °F to 158 °F), Drop . 76 cm (2.5 ft) drop , 2 drops per 6 sides at ambient temperature 23 °C (73 °F), Tumble . 50 cycles (100 drops) x 50 cm (1.64 ft), 5 cycles/minute Casing. IP4X. Protected against small objects >1 mm</p> <p>Input/output</p> <p>Expansion. microSD Card slot (microSDHC compatible), Display. 8.9 cm (3.5 in) QVGA (240 x 320 pixel) TFT 16 bit (65,536) colors, LED backlight Interface. Touch screen, hardware control keys, power status LED, Audio system events, warnings, and notifications, Soft Input Panel (SIP) virtual keyboard and handwriting recognition software</p> <p>Audio. Microphone and speaker, record and playback utilities, Industry-standard 3.5 mm stereo earphone jack, I/O. USB client v2.0 compliant Radios. Bluetooth 2.04, Wireless LAN 802.11b/g, Digital Camera. 3 megapixel color camera with autofocus JPEG photo format, WMV video format,</p> <p>GPS</p> <p>Channels. 12 (L1 code only)</p> <p>Integrated real-time. SBAS1</p> <p>Update rate. 1 Hz</p> <p>Time to first fix. 31 seconds (typical)</p> <p>Protocols. SiRF, NMEA-0183</p> <p>Accuracy (HRMS)5 after differential correction</p> <p>Code Postprocessed. 1-3 m6</p> <p>Real-time (SBAS1) . 2-5 m</p>

2	Hand held GPS(Without Camera)	<p>GPS Receiver Technical Specifications</p> <p>Physical Dimensions Portable , rugged, easy to use in field conditions, Weight – less than 310 grams (inclusive of batteries), Display & User Interface: 2.6 inch diagonal or better, Large high resolution 160 x 240 pixels (or better) with backlit 65 K color TFT display, User settable backlit timeout, Easy to use graphical interface with push buttons and menu option selection keys preferably rocker pad, Multi-lingual interface</p> <p>Operative Temperatures:-10°C or lower to 65°C or higher</p> <p>Receiver & Accuracy-Integrated 12 channel High sensitivity receiver with built in antenna, short time to first fix (Warm start fix typically < 25 sec , cold start less than 1 minute – preferable), < 35 feet or better (Non DGPS), Provision for connecting external antenna DGPS & SBAS (Satellite Based Augmented Navigation), DGPS accuracy Below 6 meters, Wide Area Augmentation System (WAAS) capable with tested accuracies of 3 meters or better in typical conditions [Potential compatibility with Geo Augmented Navigation system (GAGAN) is desirable], Euro Geostationary Navigation Overlay Service (EGNOS) compatible., Capable of accepting RTCM (Radio Technical Commission for Maritime Services) signals – interface setting</p> <p>Data Storage- Minimum 1.5 GB or more for storing waypoints, track logs, routes, attributes etc., Storage for 1800 or more waypoints (with names), 175 or more routes, 9,000 or more tracklog points / 175 or more saved tracks., microSD Card slot for additional storage, Memory should not require additional memory battery</p> <p>Mapping & Navigation-Facilities for recording waypoints , feature attributes , 3D coordinates , route creation, Waypoint icon symbol collection, Facilities for navigating to stored waypoints and routes, Facilities for auto recording of track logs with user specified time interval, Integrated world base map with zoom</p> <ul style="list-style-type: none"> <input type="checkbox"/> Facilities for loading additional base maps , custom map compatible, Facilities for Distance and Area Calculation, Automatic Track Navigation with automatic route creation, Full Paperless Geo-Caching with close proximity wireless sharing of data with compatible devices, Photo navigation to geo-tagged photos, User Configurable Proximity Alarms (audio – visual) <input type="checkbox"/> Provisions for display of Signal strength, satellite locations, current location, accuracy, velocity made good, current time (12,24 hour format with selectable time zone) , elevation, distance to destination and ETA in real time with data field customization., Trip computer displaying current speed, average speed, maximum speed, trip odometer. , Support for world datums (coordinate systems) including datums used by Indian mapping agencies., Capability to display coordinates in different formats like DMS , DD etc, Support for metric units <p>Utility Tools- Calendar, Alarm Clock, Waypoint Averaging, Calculator, Stopwatch, Sunset and Sunrise time displays</p> <p>Electronic Compass-Tri-Axial or Three Axis compass, Numeric Degree, mils & Directional Letter Display, Bearing and Course display, Facilities for setting True, Magnetic (automatic setting for magnetic declination form GPS location), Grid and User North, Compass Calibration facility</p> <p>Altimeter-Barometric Altimeter, Facilities (via software)) for creating elevation plot with elevation/time, elevation/distance and plotting barometric and ambient pressures</p> <p>Battery-AA Batteries(two preferred), Battery level indicator in display, Battery life 18 hours or more, Battery Save Option, Options for using & selecting different battery types like Alkaline, Lithium NiMH , Interface: High speed USB with connecting USB Cable, NMEA 0183 compatible</p> <p>Software:<input type="checkbox"/> Software to manage and analyze GPS data supports data exchange between PCs and GPS devices and also capable in porting GPS data to computer in standard formats suitable for integrating/exporting GPS data into popular GIS software environments and Google earth., Software should be compatible with versions of Windows OS like XP, Vista Windows 7.</p> <ul style="list-style-type: none"> <input type="checkbox"/> GPS Unit firmware should be upgradable., Water Resistance: Full gasket protection (mechanical) for water resistance, <input type="checkbox"/> Water resistance for submersion protection meeting IEC 529-IPX-7 (JIS 7) waterproofing specifications
3	ERDAS IMAGINE Professional Version 2011	ERDAS IMAGINE Professional Version 2011

4	A3-Plotter (Color)	<p>Print speed black (normal, A4) Up to 20 ppm, Print speed color (normal, A4) Up to 20 ppm, First page out color (A4, ready) As fast as 17 sec, First page out black (A4, ready) As fast as 16 sec, Print quality black (best) Up to 600 x 600 dpi, Print quality color (best) Up to 600 x 600 dpi, Print technology Laser, Duty cycle (monthly, A4) Up to 75000 pages, Recommended monthly page volume 1500 to 5000, Standard memory DDR2, Maximum memory 448 MB, Processor speed 540 MHz, Standard paper trays 2</p> <p>Maximum paper trays 3, Paper handling standard/input 100-sheet Multipurpose tray, 250-sheet input tray, Paper handling standard/output 250-sheet face-down output bin , Media sizes supported Tray 1: A3, A4, A5, A6, RA3, SRA3, B4, B5, 10x15 cm; envelopes (DL, C5, B5); Tray 2: A3, A4, A5, B4, B5; Optional tray 3: A3, A4, B4, B5, Media types supported Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, pre-printed, prepunched, recycled, rough), cardstock, glossy film, transparencies, labels, envelopes, Standard connectivity Hi-Speed USB 2.0, built-in Fast Ethernet 10/100Base-TX, Compatible Operating System Windows 98 SE, 2000, Me (print driver only), XP Home, XP Professional, Server 2003; Mac OS,VISTA,WINDOWS7, Warranty Onsite 3 YEARS</p>
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