



**FOREST HEADQUARTERS, ODISHA, OFFICE OF THE
PRINCIPAL CHIEF CONSERVATOR OF FORESTS, ARANYA BHAWAN,
CHANDRASEKHARPUR, BHUBANESWAR-23**

REQUEST FOR PROPOSAL

**To
Purchase/ Procure**

**Customized GAGAN Enabled Rugged GPS PDAs for GIS
Applications**

IN

FOREST DEPARTMENT, GOVERNMENT OF ODISHA,

RFP No. 313

Dtd. 4th March 2014

(Revised on 15th March 2014)

Chapter-1

Invitation of the Bid

The Conservator of Forests (GIS), (the Authorized Officer) invites Request for Proposal (RFP) on behalf of the Principal Chief Conservator of Forests (PCCF), Odisha, (Purchaser) from the OEMs / Device Integrators to Procure Rugged GAGAN Enabled GPS PDAs under a three years warranty period for its use in GIS –MIS Applications. The RFP Document may please be downloaded from the tender section of www.odisha.gov.in .The bidder has to submit a nonrefundable amount Rs.1000/- in shape of bank draft drawn in favour of Principal Chief Conservator of Forests, Odisha, Bhubaneswar towards cost of RFP document along with the bid papers. Incomplete and/or ambiguous and/or conditional and/or late response is liable to be summarily rejected.

SCHEDULE OF EVENTS FOR GAGAN ENABLE GPS PDAs

S. No	Information	Details
1.	Hosting of the document on the Notice Board/ Website	20.03.2014 (Revised)
2	Address for Submission of Bid	Conservator of Forests (GIS) o/o PCCF, Odisha, Aranya Bhawan, CS Pur, Bhubaneswar
3	Cost of RFP (Nonrefundable)	Rs. 1000/- in form of DD from any nationalized Bank in favour of PCCF, Odisha, Bhubaneswar.
4	Earnest Money Deposit	Bank Guarantee for Rs. 50,000/- from a local branch of any nationalized Bank in favour of Conservator of Forests (GIS), o/o PCCF, Odisha, Bhubaneswar valid for 180 days from the date of opening of the technical bid.
5	Last date of receipt of Pre-Bid Queries	11 AM of 26.04.2014
6	Date of Pre-Bid Meeting	11 AM of 28.04.2014
7	Last date of receipt of Bids	5 PM of 05.05.2014
8	Opening of General Bids	11.30 AM of 06.05.2014
9	Opening Technical Bids	3.30 PM 06.05.2014
10	Date of Presentation	From 11 AM of 07.05.2014
11	Opening of Commercial Bids	11 AM of 08.05.2014

Minimum Technical Specifications of Rugged GPS –PDAs to be procured through this RFP:

Criteria	<u>Minimum</u> Requirement	Complied/Not	Remarks
Operating System	Embedded Linux Kernel Ver. 3.0 (LTSI) or Higher		
Processor	ARM Cortex-A8 processor		
Processor Core	Min. 1 GHZ		
RAM	Min. 512 MB		
Internal Memory	Min. 1 GB MB		
Internal Storage	Min. 8 GB SSD		
Display	<p>A. Size More than 5 Inch, TFT; B. True Colour, Transmissive C. Sunlight readable high-bright display with Corning Gorilla Glass Enclosure. D. FSTN Backlighting Enabled E. Display must not Degrade or Fade on Prolonged Use. F. Min Resolution: 800x480 Pixel.</p>		
Position Format	Latitude & Longitude having all option of display in Degree, Minute & Second, Degree Decimal, UTM and other Grids including user defined grids.		
Constructions	<p>A. 6 Feet Drop Resistant B. Dust Proof, Ports are adequately Protected. C. Fully gasketed, IP 67 Compliant / Waterproof/Water-resistant D. Ergonomic Form Factor E. Protective Casing of high impact plastic alloy with rubberized exterior padding.</p>		
Operating Conditions	-10 to 60 Deg. Celsius, Up to 95% Humidity (Non-Condensing)		
PC Connection / Interface	<ul style="list-style-type: none"> • USB and Mini USB with NMEA, RTCM 104 DGPS Data Format, RS232 with NMEA. • Plug & Play Supported, 		

	<ul style="list-style-type: none"> • Should not require a device install CD. Installation software must be embedded in the device. 		
Communication	<ul style="list-style-type: none"> • GSM 3G & 2G Supported for Voice & Data • WiMAX Supported for Data • Wi-Fi on 802.11a, b, c, g & n Architecture. • The device should act as a Wi-Fi Modem to communicate independently with other Wi-Fi enable devices within a range of 10 m without an external Modem. 		
GPS Performance:			
GPS Receiver Characteristics:	<ul style="list-style-type: none"> A. High Sensitivity & High performance GPS Receiver on U-BLOX M8 / SiRF Prima II / <i>SiRFstarIV</i> / <i>SiRFstarV</i> Grade Chipsets having integrated SBAS Support. B. SBAS Enabled. C. 16 parallel channel or more D. RECEIVER: L1,C/A E. GPS Receiver Continuously track and uses up to 16 Satellite to compute and update position in addition to the GAGAN Signal F. It must capture and utilize GAGAN Signal as DGPS Correction as and when available. G. Clear display of DGPS Symbol or Icon when SBAS DGPS Correction is Carried Out by the device. H. Display of Satellite Signal Strength I. GAGAN SBAS supported 		

	<p>DGPS Correction, with NMEA Format GPS Data Output.</p> <p>J. Should support most widely used 100 Datums.</p> <p>K. SI Units Supported</p>		
Acquisition Time	<ul style="list-style-type: none"> • Warm: 15 second Approx • Cold: 45 Second Approx • Auto Locate: 5 Minutes Approx 		
Update Rate	1 Second , Continuous		
Waypoints	>1000 with names and graphic symbol, >10 nearest(automatic), >10 proximity		
Routes	>50 reversible routes with up to 50 points each, plus MOB & Track Back Mode		
Tracks	Automatic Track log; > 10 saved Tracks; retrace your path in both direction.		
Alarm	Approach & Arrival , Off-Course , Proximity Waypoint, Low Battery, High Temperature etc.		
SBAS Accuracy & DGPS	<ul style="list-style-type: none"> • Position: < 3 Meter , 95% typical • Velocity: 0.05 meter/sec steady state • Must Receive GAGAN Signal PRN 127 & 128 as and when available. • GAGAN Signal Display Icon 		
Antenna	Built-in Quadrifilar Helix / Internal		
Battery	<ul style="list-style-type: none"> • Internal Rechargeable lion 7.4 V, 4000 mAh; • Battery Life: Min. 8-10 hours 		
USB	At least one standard USB port		
Keypad	Min. 39 keys (Qwerty/Alpha numeric) + more		
Camera	Fully Integrated embodied back Camera, Minimum 5 MP auto focus with Auto LED Flash, Auto Geotagging support. GPS & Time Stamp on the		

	Photos		
Device Control , Setting and Application Management	Should Support Min. 20 Embedded Apps for Various types of Forestry / Land Base Activity Data Collection.		
	Provision of Server side web based software interfacing with the GPS device for data transfer and onboard software /firmware updates.		
	Provision to Lock the Administrator defined default settings of the device. (Default / User or Admin defined Setting Lock)		
	Protection of Software Installation & Delete through a Password Locking Provision for the Administrator.		
Weight	Less than 700 grams including Battery.		
Accessories	Data downloading cable (Original), Carry Case, User Manual, and Training Video CD.		

CHAPTER 2

2.1 Pre-Qualification Criteria:

- i. The responder should have been registered in India and in operations for a period of at least 5 years as on last date of response submission.
- ii. The turnover of the responder agency should not be less than Rs. 5 Crore annually for the last three financial years ending not later than 31.03.2013. This should be backed by audited balance sheets and profit & loss account for the same period.
- iii. The responder agency should have executed or under execution at least 5 projects over the past three years involving OEM supply of GPS PDAs & its integration on web based software projects in any State Govt./PSU/Central Govt. /Govt. Educational Institute in India.
- iv. The responder should submit valid documentary proof of Certificate of Registration of Agency, Service Tax, Sales Tax/VAT and the details of Income Tax Registration Number (PAN), and Audited Balance Sheet for last three financial years excluding current year.
- v. The responder need to submit profile with all contact details, list of clients, and jobs undertaken/completed (with scope of works undertaken).
- vi. The responder must be having an ISO 9001:2008 certification for quality management in

- software development and preferably ISO 27001:2005 certification for information security management system (Attached copy of certification to be provided).
- vii. The responder must be currently empanelled with an Indian Govt. / Public Sector Undertaking firm (Attached copy of empanelment to be provided) as an IT/GIS Service provider.
 - viii. The firm should be an OEM of Industrial PDA with GPS Functionality /Authorized Reseller of Reputed & Time Tested OEMs with experience of supplying such successfully running device to any Govt. organization in India.
 - ix. Joint Ventures or Consortiums are not eligible for this RFQ.
 - x. The responder shall be the single point of contact for Department of Forest, Orissa and shall be solely responsible for all warranties, upgrades, patches and guarantees etc. offered by the OEM etc. Please attach an undertaking to this effect.
 - xi. The bidder must specify its complete compliance regarding the minimum device technical specification as mentioned earlier.
 - xii. The bidder must give an undertaking mentioning that it can complete the project inclusive of all hardware and software components within 60 days of issue of Purchase order.

Technical Scores Matrix

SI No	DESCRIPTION	Parameters	Marks
1	The respondent's annual sales turnover should be at least average value of Rs. 5 Crore (Rupees Five Crore Only) during the last three years. The turnover refers to a company and not the composite turnover of its subsidiaries /Sister concerns etc.	Rs. 5-10 Crore	5
		> Rs. 10 to 20 Crore	7
		More than Rs. 20 Crore	10
2	Preferably the firm should be an OEM of Industrial PDA device or GPS based data logging equipment. Proof – Factory details & ISO certification for manufacturing of electronics products in India	Yes	10
		No	0
3	Minimum supply of 100 numbers of GPS enabled devices for State Govt./PSU/Central Govt. /Govt. Educational Institute in the last three years. Documentary evidence as in Work Order/ Work Certificate / Proof of Supply documents to be provided.	Yes	10
		No	0

4	The firm should have executed at least 2 Web GIS solutions for State Govt./PSU/Central Govt. /Govt. Educational Institute in last three years with minimum value of 50 Lakh each. Documentary evidence as in Work Order/ Work Certificate / Proof of Supply documents to be	2	5
		>2	10
5	The firm should have executed at least one IT project for State Govt./PSU/Central Govt. /Govt. Educational Institute in last three years .Documentary evidence as in work order or completion certificate need to be attached.	1-2	5
		>2	10
6	Certification: ISO Certifications in Electronics goods Manufacturing and servicing. Proof – Copy of valid certification		2
7	The firm should have CMMi level III certification or higher		3
8	The bidder should have at least one application completed and hosted which has gone through Security Audit certified by CERT-IN empanelled agency.		5
9	The firm should have executed at least one full cycle process from Data Collection by GPS based device to Monitoring by web-based spatial and non-spatial reporting. Documentary evidence as in work order or completion certificate need to be attached.	1	5
		>1	10
10	The firm should have executed at least one Land Based software application of minimum value of Rs. 25 Lakh on a single order for State Govt./PSU/Central Govt. /Govt. Educational Institute in last three years. Documentary evidence as in work order or completion certificate need to be attached.	25-50 Lakh	5
		>50 Lakh	10

11	<p><u>Demo & Presentation of the System</u></p> <p>The bidder must show the following features in the Presentation:-</p> <ol style="list-style-type: none"> 1. GAGAN support for the device with NMEA Format GPS Data Output. 2. Validation of GPS Precision 3. Functionality of On Board MIS & GIS Apps 4. Any on-field data collection application already implemented and running for State Govt./PSU/Central Govt. /Govt. Educational Institute. 5. Five Numbers of Demo Devices and cross reference of their readings with respect to predefined points over a period of minimum 6 hours. 6. Spec. Sheets of the Onboard Components of the Device with respect to Min. Tech Spec. 7. A drop test of the Device as per prescribed minimum Spec. 	20
	Total Points	100

*Last three years are 2010-2011, 2011-2012, and 2012-2013 for Technical points.

- xiii. The respondent must fulfill the above qualification conditions for evaluation of their responses. Technical scoring would be undertaken for participants meeting the Pre-Qualification Criteria only.
- xiv. Selection will be based on Quality and Cost Based Selection (QCBS) method with 70% weight age to technical score and 30% to financial score. Financial score will be calculated by considering the lowest bidder's amount as 100 and calculating the other bidders score in respect to the lowest bidder, as described in Section xviii.
- xv. Response of responders fulfilling the above eligibility/ pre-qualification Conditions will only be evaluated by the duly constituted evaluation committee. Responses of the responders not fulfilling the eligibility/ pre-qualification conditions given above shall be summarily rejected. Undertaking for subsequent submission of any of the above documents will not be entertained under any circumstances.
- xvi. The authority reserves all right to change/amend any requirements or clauses as is required for the execution of the project and such changes would be notified only to the participants of the RFQ.

- xvii. Participants scoring more than 70 Marks out of Total 100 Marks in technical scoring would be accepted to participate in the financial bid submitted during the Technical Bid submission stage and any responses scoring lower than 70 in technical scoring would be summarily rejected.
- xviii. **The minimum qualifying Technical Score shall be 70 marks.**
- xix. Commercial bids of technically qualified bidders will only be opened. All other Commercial bids will be ignored.
- xx. Final selection will be based upon “Quality cum Cost Based Selection” (QCBS) method as explained below. Normalized score for in case of each bidder, both for technical bid and commercial bid, will be computed and the bidder securing highest score (sum of normalized technical and commercial scores) will be selected for the work.

i. Normalized Technical Score (NTS):

(Mark Secured by the bidder/Highest Score **obtained by any Bidder**) x70

ii. Normalized Commercial Score (NCS):

(Lowest quoted Price /Price Quoted by the bidder) x30

(N.B. Price quoted in Schedule-1 of the Price Bid shall be taken in to consideration for computing normalized commercial score)

Final Score = NTS + NCS

N.B. In case of tie in final score, bidder having higher NTS will be preferred. The successful bidder shall abide by the lowest rate received for schedule-2 & schedule-3 of the commercial bid.

CHAPTER 3

3.1 Preparation of Responses

Envelop 1 – PRE QUALIFICATION CRITERIA – Sealed envelope marked as PRE QUALIFICATION CRITERIA and containing proof of all items mentioned in Section 2.1 organized serially. It should also contain the original RFQ document issued from RFQ

Envelope 2 – EMD to be drawn in favor of Principal chief Conservator of Forest , Odisha For an amount of **Rs. 50, 000/-**

Envelope 3 - TECHNICAL RESPONSE – Sealed Envelope marked as TECHNICAL RESPONSE containing the Technical Proposal and Product Brochure along with a section with proof of documents organized exactly in the same serial as mentioned in the section TECHNICAL SCORES under Section 2.1.

Envelope 4 – FINANCIAL BID – Sealed Envelope marked as FINANCIAL BID and should have the financial offer exactly in the same manner as illustrated in the section **Financial Bid under the RFQ document** (signed by Authorized signatory) along with Power of Attorney.

The content on the envelope, RFQ number, responder's name & address should be clearly marked on the top of all the sealed envelopes. All the envelopes thus prepared shall be put in a single sealed envelope clearly mentioning the RFQ number, responder's name & address on the top of the sealed envelope.

Bidders will first be evaluated for Envelope 1&2. Then Envelope 3 will be opened for technical evaluation and depending on the achievement of minimum score. Envelope 3 will only be opened for bidders selected through evaluation of all previous envelopes. Late bids will be summarily rejected and only those offers which are submitted within the date and time of submission as mentioned in document will be evaluated.

Any deviation by bidders in organizing the documents as mentioned above will lead to immediate cancellation of such bids.

All response should be valid for a period of 180 days from issue of the RFQ notice.

TECHNICAL RESPONSE should mandatorily comprise of the following:-

1. The proposed solution [Hard Copy as well as in Soft Copy (CD) in pdf format only] as per the below schedule
 - (i) Understanding of Requirements and scope of work
 - (ii) Proposed Technical Architecture
 - (iii) Detailed Technical Solution
 - (iv) Detailed Technical Specifications of the Equipment and/or products Training Plan
 - (v) Submission of Prototype Models for validation and Testing
 - (vi) Completion and Delivery Schedule
 - (vii) Case study of similar installation in India
 - (viii) Technical Scores Compliance – As per format given in RFQ with supporting documents
2. The complete project inclusive of hardware and software to be deployed should be completed within a 180 day period or in a phased manner as decided by PCCF Odisha from the date of release of Purchase Order. Bidders who already have tested and proven solution for the same are encouraged to bid.

The technical proposal would be evaluated under the presentation section of the evaluation and all offerings as proposed in the Technical Response would be binding on the Bidder.

Financial Bids

Financial Bids should be submitted in a separate envelope duly sealed, stamped and signed in the following format. The financial bids of only technically eligible parties would be opened and the financial bid envelope should be clearly marked as “Financial Bid for RFQ No 313 Dtd. 4th March, as Revised on 15th March 2014.

Item	Unit price *	Taxes	Total Cost
GAGAN Enabled GPS- PDA; per unit inclusive of three years warranty from date of supply.			
Embedded device software for Forest Management Data Collection inclusive of three years warranty from date of supply			
Server side web based software with spatial interface for dynamic analysis, query and reports and interfacing with GPS device firmware inclusive of three year warranty from date of installation			
Server side Application and database support for a total period of three year			
Training & Deployment			
Total Cost in figures:			
Total Cost in words:			

* Unit Prices are to be submitted for different slabs of supply under different tables,

In the financial bids i.e :

- A. For 50 -100 Units, B. For 100-200 Units, C. For 200-300 Units, D. For 300-500 Units,
- E. 500-600 Units

Notes:

1. **Amendments to Invitation of Bid:** At any time prior to the deadline for submission of bids, Authorized Officer reserves the right to add / modify / delete any portion of this document by issuance of an addendum, which would be published on the web site and will also be made available to the all the bidders who have indicated their intention to bid. The addendum shall be binding on all bidders.
2. **Financial Bid** - Unsigned, unstamped or illegible financial bids would be summarily rejected. Financial bids should be submitted only in the official letterhead of the company. Financial bids should be signed by the authorized signatory of the company and **Power of Attorney** for the same needs to be provided along with the RFQ document. All pages of the blank original RFQ document and the Response of the Bidder need to be signed by the authorized signatory or else the bid will stand cancelled.
3. **Performance Guarantee** – Successful Bidder awarded the project would have to provide a Performance guarantee of 5% from a Scheduled nationalized Bank in India in the form of an unconditional bank guarantee favoring PCCF and any failure of the bidder to adhere to the terms of delivery and technical requirements or as enumerated in the agreement to be signed between the successful bidder and PCCF would lead to encashment of the bank Guarantee and blacklisting of the firm.
4. **Support Services** – The devices to be sent to the vendor's registered service Centre Preferably at Bhubaneswar for scheduled and unscheduled maintenance during the warranty period of three Years. For onsite maintenance of the devices within warranty period if necessary, only the available Govt. accommodation will be provided by the Odisha Forest Department.
5. **Submission and Opening of Responses**
 - A. The responses complete in all respects addressed to The Conservator of Forest , GIS , o/o PCCF Odisha, Aranya Bhawan, Bhubaneswar and should reach him by the date and time fixed as per the Schedule of Events of this RFP only.
 - B. All the Events of the bidding process will be conducted as per the date and time stipulated in the Schedule of Events of this RFP only.
 - C. PCCF Odisha, reserves the right to accept or reject the whole; accept or reject part of any or all responses at its sole discretion without assigning any reason whatsoever.
 - D. The responses including the proposed solution(s) as submitted by the eligible responders shall be evaluated by a duly constituted evaluation committee set up by PCCF. The tenders will be opened as per the schedule of the events mentioned in the tender. These responders may be called to present the solution proposed by them to the said committee at their own cost at a specified date, time and venue to be communicated to them at least three days in advance.
 - E. The PCCF, Orissa reserves the right to call for fresh RFQ's at any stage and/or

time.

- F. The PCCF, Orissa reserves the right to modify, expand, restrict, scrap, refloat the Expression of Interest and/or float a new and/or separate tender without assigning any reason for the same.
- G. PCCF, Orissa at its discretion may use the complete proposed solution and/or a part of, technical specifications as submitted by any responder(s) with the response(s) for tendering. The said usage does not confer any right and/or claim of any sort and/or manner on the responder(s) for this RFQ and/or tender irrespective of the outcome of this RFQ.
- H. The responder shall bear all costs associated with the preparation and submission of its response, and PCCF will in no case be responsible or liable for these costs, regardless of the conduct or the outcome of the RFQ process.

6. Payment Terms

- A. Recipients of the GPS Device who are authorized by PCCF Odisha will release 50 % payment within 60 days of receipt of the goods from the vendor under perfect working condition. Balance will be released within 180 days in 2 installments after assessing the working performance of the device.
- B. The above Payment term is subject to modification before the supply contract is finalized as per the direction of PCCF Odisha / Govt. of Odisha.

7. Governing Law and Disputes

- a) The responses and any contract resulting there-from shall be governed by and construed according to the Indian Laws.
- b) All disputes or differences whatsoever arising between the parties (i.e. the PCCF and the Responder) out of or in relation to the construction, meaning and operation or effect of this RFQ Document or breach thereof, shall be settled amicably. If, however, the parties as above are not able to resolve them amicably, the same shall be settled by arbitration in accordance with the applicable Indian Laws, and the award made in pursuance thereof shall be binding on the parties, as above. The Arbitrator/s shall give a seasoned award. Any appeal will be subject to the exclusive jurisdiction of the courts of Bhubaneswar, Odisha Only.
- c) The successful Responder shall continue work under the contract during the arbitration proceedings unless otherwise directed in writing by the PCCF, Odisha
- d) The venue of the arbitration shall be in Bhubaneswar, Odisha and shall be governed by the rules as specified by Indian Council of Arbitration.

8. Corrupt or Fraudulent Practices

- a) Responders & Vendors shall observe the highest standard of ethics during the procurement and execution of the contract.
- b) PCCF, Odisha will reject a proposal for award if it determines that the Responder recommended for award is engaged in corrupt or fraudulent practices in competing for the contract in question.
- c) PCCF, Odisha will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm was engaged in corrupt or fraudulent practices in competing for this response, or in executing the contract.

9. Indemnity Clause

- a) The firm should sign an indemnity bond to safeguard against any pirated software, equipment, design etc. being supplied to the PCCF, Odisha
- b) The selected vendor shall indemnify PCCF, Odisha against all third party claims of infringement of patent, trademark/copyright or industrial design rights arising from the use of the supplied software/ hardware/manpower etc. and related services or any part thereof.

10. Force Majeure clause

If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics quarantine restrictions, strikes, lockouts or acts of God (hereinafter referred to as "events"), provided notice of happenings of any such event is duly endorsed by the appropriate authorities/chamber of commerce in the country of the party giving notice, is given by party seeking concession to the other as soon as practicable, but within 21 days from the date of occurrence and termination thereof and satisfies the party adequately of the measures taken by it, neither party shall, by reason of such event, be entitled to terminate this contract, nor shall either party have any claim for damages against the other in respect of such nonperformance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist and the decision of the purchaser as to whether the deliveries have so resumed or not, shall be final and conclusive, provided further, that if the performance in whole or in part or any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, the purchaser may at his option, terminate the contract.

11. Innovations

The successful vendors/firms needs to be proactive while rendering services and must be innovative while doing the developments & consulting. They should suggest various enhancements to the existing scope, functionality and Tech. Spec. of the GPS PDA which would be useful for PCCF Odisha and Citizens in terms of development & integration of GIS Operation in Forest Department of Odisha. It is expected that the firms will provide an artistic touch of

perfection in conceptualization, design, production and servicing of the device. Present RFP is an attempt by the Odisha Forest Department to promote Indian Firms to be innovative and competitive in indigenizing GPS Product and Services to break the mould of few multinational corporations who sell their product and service at an exorbitant price and with many redundant and cumbersome utility and functionality and particularly under the context of “Utility and Functionality of the Device in the Field Condition of Indian Forestry”.

We request that Following Innovations may please be ventured by the Firms:

1. Integrating a Camera cum Laser Range Finder (CLRF) of Minimum 500 m range to the GPS PDA for ranging (Distance & Height) and computing the Geo-Coordinates of inaccessible / non-negotiable; but visible waypoints/locations with capability to generate Geotagged Images. This will make the life easy for field foresters while mapping ravines, large mining areas and hills.
2. Creation of a default setting lock under Password Protection for our thousands of GARMIN Make GPS Devices which are operating in our field under a challenging situation of inadvertent but frequent change of settings in datum , Standard Time , and Units ; leading to wrong acquisition of locational data and slumping the GIS Initiative in the Department.

Though at present such above works are not with the scope of procurement under this RFP, still the vendor can quote a suggested price with the demonstration of prototypes of above innovations which may be on drawing board or anvil but with a definite possibility of small scale commercial production. Innovations of the Firms/ Vendors is highly respected by Odisha Forest Department and it will be Counted to rate the vendors for Future Procurements. It is to be noted that the innovation are to be carried out by the firm at free of cost only. Bearing the cost of product innovation is not at all under the scope of this RFP. In case of enhancements beyond the existing scope, unit rates would be referred from the rate contract submitted by the selected vendor in the Commercial bid of RFP No 313, Dtd. 4th March 2014, as revised on 15th March 2014.

We expect Rational and Competitive Biddings from all Eligible and Innovative Firms.

15th March, 2014
Bhubaneswar , Odisha , India

-Sd-
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