



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

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 bidder has to submit Rs.1000/- in shape of bank draft drawn in favour of Principal Chief Conservator of Forests, Odisha, Bhubaneswar towards cost of RFP document.

1. An incomplete and/or ambiguous and/or conditional and/or late response is liable to be summarily rejected.
2. Responders can also download this RFQ document from www.odisha.gov.in

SCHEDULE OF EVENTS

S. No	Information	Details
1.	Hosting of the document on the Notice Board/ Website	05.03.2014
2	Last date of receipt of Bids	5 PM of 04.04.214
3	Last date of receipt of Pre-Bid Queries	5 PM of 19.3.2014
4	Date of Pre-Bid Meeting	11 AM of 21.03.2014
5	Address for Submission of Bid	Conservator of Forests (GIS) o/o PCCF, Odisha, Aranya Bhawan, CS Pur, Bhubaneswar
6	Opening of General Bids	11 AM of 05.04.2014
7	Opening Technical Bids	3 PM of 05.04.2014
8	Date of Presentation	09.04.2014
9	Opening of Commercial Bids	10.04.2014
10	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.
11	Cost of RFP (Non refundable)	Rs. 1000/- in form of DD from any nationalized Bank in favour of PCCF, Odisha, Bhubaneswar

Minimum Technical Specifications of Rugged GPS –PDA device for Forestry data collection:

Criteria	Minimum Requirement	Complied/Not	Remarks
Operating System	Embedded Linux Ver 2.6 or High		
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	<ul style="list-style-type: none"> A. Size More than 5 Inch, TFT; B. Colour, Transmissive C. Sunlight readable high-bright display with Corning Gorilla Glass Enclosure. D. Display must not Degrade or Fade on Prolonged Use. E. Min Resolution: 800x480 Pixel. 		
Constructions	<ul style="list-style-type: none"> A. 6 Feet Drop Resistant B. Dust Proof, Ports are adequately Protected. C. IP 67 Compliant / Waterproof/Water-resistant D. Ergonomic Form Factor E. Protective Casing 		
Operating Conditions	-10 to 60 Deg. Celsius, Up to 95% Humidity (Non-Condensing)		
PC Connection	USB and Mini USB		
GPS	<ul style="list-style-type: none"> A. Built-in High Sensitivity GPS Receiver with accuracy/Precision less than 5 Meters. B. RECEIVER: L1,C/A C. CHANNELS: 16 Channels support D. GAGAN SBAS supported DGPS Correction, with NEMA Format GPS Data Output. 		

	E. Should support most widely used Datums. F. SI Units Supported		
Battery	Rechargeable 7.4 V, 4000 mAh; Battery Life: Min. 8 hours		
USB	At least one standard USB port		
Keypad	Min. 39 keys (Qwerty/Alpha numeric) + more		
Weight	Less than 700 gms including Battery.		
Camera	Integrated back Camera Minimum 5 MP auto focus with Auto LED Flash, Auto Geotagging support.		
Device Control , Software/ Apps on the Device	Should Support Min. 20 Embedded Apps for Various types of Forestry 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.		
	Protection of Software Installation & Delete through a Password Locking Provision for the Administrator.		

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 Cr 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 implementation of 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 in Annexure – I
- 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

DESCRIPTION	Parameters	Points
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.	5-10 Crore	5
	>10 to 20 Crore	7
	More than 20 Crore	10
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
Minimum supply of 100 nos 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
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 provided.	2	5
	>2	10
The firm should have executed at least one IT project for State Govt./PSU/Central Govt./Govt. Educational Institute in last three years in the state of Odisha. Documentary evidence as in work order or completion certificate need to be attached.	1-2	5
	>2	10
Certification: ISO Certifications in Electronics goods Manufacturing and servicing. Proof – Copy of valid certification		2
The firm should have CMMi level III certification or higher		3

The bidder should have at least one application completed and hosted which has gone through Security Audit certified by CERT-IN empanelled agency.		5
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.	1	5
Documentary evidence as in work order or completion certificate need to be attached.	>1	10
The firm should have executed at least one Forestry related software application of minimum value of 25 Lakh on a single order for State Govt./PSU/Central Govt. /Govt. Educational Institute in last three years.	25-50 Lakh	5
Documentary evidence as in work order or completion certificate need to be attached.	>50 Lakh	10
<u>Demo & Presentation of the system</u>		
The bidder must show the following features:- <ol style="list-style-type: none"> 1. GAGAN support for the device with NEMA 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 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 out of 100 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. **The minimum technical score "St" required to pass is: 70 Points**
- xviii. Criteria and point system for the evaluation of Commercial Proposals are:

Financial Score $S_f = 100 \times F_m / F$

in which **Sf** is the financial score, **Fm** is the lowest price and **F** is the price of the proposal under consideration.

- xiii. Final Evaluation:

The weights given to the Technical and Financial Proposals are: $T = 0.7$ & $P = 0.3$

Proposals will be ranked according to their combined technical (St) and financial (Sf) scores using the weights (T = the weight given to the Technical Proposal; P = the weight given to the Financial Proposal; $T + P = 1$) indicated in the Data Sheet.

Total Score $S = St \times T\% + Sf \times P\%$.

CHAPTER 3

3.1 Preparation of Responses

Envelope 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.....

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:			

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 17.00 Hrs of 5th April 2014. 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.
 - B. 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.
 - C. The PCCF, Orissa reserves the right to call for fresh RFQ's at any stage and/or time.
 - D. 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.

- E. 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.
- F. 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. The Recipient of the GPS Device who is 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.

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 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.

Sd/

Conservator of Forest, GIS

O/o Principal Chief Conservator of Forest, Odisha