Terms of Reference

Objective:

To manage the field staff more efficiently and to deliver better services to farming communities, NaCSA proposes to automate the monitoring of their field staff using mobile application, aiming to build strong relationship with society farmers and its stake holders.

Background:

NaCSA is an extension organisation, under the administrative control of the Marine Products Export Development Authority (Ministry of Commerce & Industry) extending technical support to farmers, facilitating linkage with stake holders involved in aquaculture. The field staff of NaCSA regularly monitor the farming operations of the society farmers and provide technical guidance for adoption of BMPs. Water quality test kits and Disease diagnostic kits are the keys to understand the condition of the ponds and the impact of adoption of BMPs with regular monitoring.

Expected Outputs

1. NaCSA Field Managers will meet farmer groups, each group comprising 20 or more farmers.
2. On daily basis, the Field Managers visit farmers groups and collect the basic pond information for sending to NaCSA HO.
3. The NaCSA HO would like to monitor the field staff activities. The details of village/farmer groups visited with Geo-code and other relevant information such as Geo Coded pictures of diseases etc, if any noticed could be sent to the NaCSA control room.
4. Control room must have dashboards of daily visits including the objective of such visits like disease reports, harvest etc on a Map and/or in table and graphs format, consolidated reports etc.
5. Field officers can select the farmer groups and update the details of observation/tests from the field.
6. The system should enable to detect the time spent by the field staff in a geo-coded farmer group, and such provision would be geo fenced.
7. The app should be easy to implement and should have the facility to add new functions; ability to manage many employees efficiently; tracking of employee easily; for checking who is present where and whether observations noted at field are entered into the mobile application from within the geo-fenced area of the concerned farmer group’. The app should be active in Offline mode too enabling the entry of details collected at field. It should be very secured and Low cost also.
8. The proposed employee monitoring system should be based on 3G/4G communication networks functioning on IOS/Android mobile terminals-tabs and collect users information using Global positioning system (GPS).

9. In this application the terminals at employee end are Android mobile and centralized server which is used to stores employee tracking Information. The system should be capable to catch the unauthorized browsing of websites, data uses in MBs, position of employee and time information of android mobile terminals.

10. When the Field manager crosses his/her area of jurisdiction, an immediate alert message is to be sent to the CEO’s mobile phone in text format.

Conditions:

1. Selected tender should have proven track record dealing in similar goods.
2. The tenders should comprise technical bid as well as financial bids in two separate sealed covers, which shall be enclosed in another sealed cover super scribing on it “Quotation for Mobile application for Automation of Field staff”
3. During the tender opening, Technical bids will be opened first and evaluated by a committee constituted by the NaCSA. The technical evaluation may include a presentation by the party. Financial bids of only those parties who qualify the technical bid will be opened for further shortlisting of supplier for award of tender on the basis of least cost.
4. The Tender opening committee may consider inviting the bidders for negotiations.
5. Materials to be delivered at Kakinada, Andhra Pradesh, India.
6. The officials of NaCSA should be trained for the use of the application.

The quotation in sealed covers shall be sent to:

The Chief Executive Officer,
National Centre for Sustainable Aquaculture
(Ministry of Commerce & Industry, Govt. of In
Dr No: 69-17-8, SBI Officers Colony,
Rajendra Nagar, Kakinada - 533003, Andhra Pradesh.
Telephone: 0884 2350655. Tele / Fax: 0884 2350649

Last date for receipt of quotation at the above address is 15-03-17 (1800 hrs). Quotations received after the due date will not be considered and NaCSA will have the right to accept or reject any offers without assigning any reason at any stage.