Tender for Software Development

1. Introduction

Spices Board (Ministry of Commerce, Government of India) is the flagship organization for the development and worldwide promotion of Indian spices. The Board is an international link between the Indian exporters and the importers abroad.

2. Scope of Work

Development of a mobile application and enhancement of existing web application (Detailed requirements are provided in **Annexure 1)**

3. Information to Agency

a. Spices Board is not bound to accept any of the proposals submitted.

b. At any time before the submission of proposals, Spices Board may, for any reason, whether at its own initiative or in response to a clarification requested by an invited firm, amend the scope of work. Any amendment shall be informed to the bidders by publishing in website and shall be binding on them. Spices Board may at its discretion extend the deadline for the submission of proposals.

4. Selection, Eligibility and Evaluation Criteria

Tender shall be submitted by those companies/firms/organizations who meet the following eligibility criteria and proof of the same shall be submitted along with the tender

1. The bidder should have executed a similar project in PHP/MySQL or Android, exceeding Rs.5 Lakh, in at least one government organization.

2. The bidder shall have minimum 2 years of experience in the relevant field and supporting documents shall be provided.

3. Tender shall be supported with audited statement of accounts for at least last 2 years

4. The bidder should have at least 10 employees. (Expertise, skill-sets, and the manpower strength to be indicated in the tender)

    Financial proposal will be opened only in case of the firms, which meets the eligibility criteria. Financial proposal of the firms, which do not qualify shall be returned unopened.

5. Format in which Quotation is to be submitted

The bidder shall submit the quotation in the below given format

Item	Total Cost (excluding tax)
Cost for development and implementation of Mobile and Web Application (with 6 months warranty with onsite service support)	
AMC cost	

Note: For tender evaluation, 3 year AMC cost will be considered along with cost for development and implementation. of mobile and web Application.

AMC cost should be valid for 3 years

6. Project Deliverables

- Source code
- System documentation & User Manual
- User training

7. Pre-Bid Meeting

All the bidders who participate in the tender must participate in the pre-bid meeting which will be held on 20-Apr-2017 at Board Room, Spices Board, Sugandha Bhavan, NH Bypass, Palarivattom, Cochin-25, at 2 pm. **Bids submitted without participation in pre-bid meeting will not be accepted.**

8. Clarifications

You may contact Shri Jijesh T Das, Deputy Director (EDP) for any clarifications at 91-484-2333603 / jijesh.das@nic.in

9. Warranty and AMC

6 months warranty with onsite service support shall be provided and it will start from the date of go live. If Board wishes to take AMC, a separate agreement in this regard will be executed and will commence after the warranty period.

The vendor shall do all bug fixes and minor change requests, with onsite service support, when the application is under warranty or AMC

10. Submission of the Tender

Interested parties may submit their tender in sealed envelope superscribing the words "Purchase of Router – EDP, Spices Board" through Speed Post/Registered Post/by Hand to reach the following address latest by 27-Apr-2017 3 pm, IST.

Deputy Director (EDP)
Spices Board, Sugandha Bhavan,
N.H. Bye Pass, Palarivattom, Cochin- 25 Tel: +91-484-2333603
E-mail: jijesh.das@nic.in

(Tenders will be opened on 27-Apr -2017 at 3.30 pm, IST at Spices Board, Cochin)

11. EMD

1. The tenderer should submit an EMD equal to Rs.80,000 along with the tender by way of Demand Draft favouring "Secretary, Spices Board" and "payable at Kochi" from any nationalized bank valid for three months. Bank Guarantee will not be accepted towards EMD. The Technical Bid without EMD will be rejected unless any category of tenderer is specifically exempted by the Government from payment of EMD for which reasons and proof have to be enclosed. The EMD will be returned without any interest to the unsuccessful bidders after the award of the contract.

2. EMD will be forfeited if the tenderer withdraws or amends its tender or derogates from the tender in any respect within the period of validity of its tender.

12. Payment Terms

75% after go live and 25% after warranty period.

13. Terms and Conditions

1. Financial bid shall be submitted in the format mentioned under section 5. Financial bid shall be enclosed in a separate sealed cover.

2. Tender must address the Selection & Evaluation Criteria as mentioned in section 4.

3. Copies of the following documents have to be enclosed, if the bidder happens to be a

   - Proprietorship firm: Self declaration by the bidder in that respect
   - Partnership firm: Partnership deeds and registration certificate of the firm
   - Public/Private Limited company: Certificate of registration and Memorandum and articles of association of the company

4. The project shall be completed within 4 months after the receipt of the work order.

5. Tender received after the closing time for submission will not be considered.

6. The tender must remain valid for at least 3 months after the submission date. During this period, the bidder is expected to keep available the professional staff proposed for the assignment. Spices Board will make its best efforts to decide on the tender within this period. If Spices Board wishes to extend the validity period of the proposals, the bidders who do not agree have the right not to extend the validity of their proposals.

Dy.Director (EDP)

Annexure 1: Detailed requirements

A. **Overview of existing web application**

Export Support System (ESS) is a web application *(PHP 5.1/MySQL, CodeIgniter Web Framework)* used for the sampling and stuffing related activities. It has the following features.

1. Exporters give the intimation for the sampling.
2. Marketing staff will assign the Sampling intimation to a Surveying agency to do the sampling.
3. Surveyor accepts the sampling intimation.
4. Surveying agency does the sampling and update the sampling details in the system.
5. The sample test Result will be updated in the system by the marketing staff.
6. Exporter gives the intimation for stuffing.
7. Surveyor accepts the stuffing intimation.
8. Surveying agency conducts the stuffing supervision and enters the stuffing details in the system.

B. **Functional Requirements**

The mobile application requires the following features.

1. Conducting Sampling and update the sampling details in the system by the surveying agency

i. To view all the sampling intimations from exporters and assign sampling agencies for sampling by the Board. Accept sampling assignment by surveyor.
ii. The mobile device should capture the real time GPS location details (Latitude and longitude), date and time of sampling (server time) while sampling is done.
iii. Provision for uploading the photos/video of sampling process in reduced size.
iv. Generate the QR code for each sampling. The details of sampling viz sampling intimation Id, Exporter Code, Surveyor Id, Sampling date and Time and GPS location details should be traceable from this QR code.
v. Update the sampling details in the system (ESS) by the mobile application
vi. The mobile application should be able to connect to a portable printer and take the print out of the QR code for affixing on the cover of the sample drawn.
vii. Update the system (ESS) by Board's official on receipt of sample from surveyor

2. Conducting Stuffing supervision and update the Stuffing details in the system by the surveying agency
i. To view all the Stuffing intimations from exporters and assign sampling agencies for

stuffing by the Board. Accept stuffing assignment by surveyor.

ii. The mobile device should capture the real time GPS location details (Latitude and longitude), date and time of stuffing (server time).

iii. Provision for uploading the photos/video of stuffing process in reduced size.

iv. Update the stuffing details in the system (ESS) by the mobile application

v. Update the system (ESS) by Board's official on receipt of stuffing report from Surveyor

The existing web application (ESS) requires the following features.

i. View all the intimations for which the sampling has been done by the surveying agency. Read the QR code of the sample and the system should give all the details of sampling including the GPS details and the sampling photos/videos uploaded for that QR code. The user can verify and submit the intimation as Sampling Completed.

ii. View all the intimations for which the stuffing has been done by the surveying agency. Read the QR code of the sample and the system should give all the details of stuffing including the GPS details and the sampling photos/videos uploaded for that QR code. The user can verify and submit the intimation as Stuffing Completed.

iii. Provision to cancel sampling/stuffing information by Exporter & Admin and change sampling agency/stuffing agency by Admin

iv. When the exporter selecting a product to a particular country, the system should automatically select the mandatory parameters in the country and give the cost including Service tax.

v. Data related to exporters, sapling/stuffing, parameters, products, packing descriptions, lot numbers, shipping marks, invoice numbers and dates , port of discharge, country etc, must be provided as REST based secure web service (JSON data format)

vi. Exporter have a provision to see the status of their product from samples to final report.

vii. Provision for adjusting advance amount - manually by the administrator.

viii. Sampling area should be Customs/C.excise notified area – Provision to confirm it by the Exporter during the intimation time.

ix. Mandatory parameters need to be selected automatically by the system upon selecting the sample. Exporter should be able to select non- mandatory Parameters also.

x. For the non- mandatory Parameters of the sample, full fee should be calculated irrespective of Quantity.

xi. Provision for changing the port of destination/ quantity etc. manually by the admin

xii. After the sample result is entered, one more level of verification is required before the result is delivered to the Exporter.

xiii. Provision for accepting the analytical charges through online payment method.

xiv. Provision for remitting payment in advance through online and it can be adjusted for their private analysis also.

xv. The invoice for the sampling intimation need to be generated by the system, which the exporter can download at any time.

xvi. Generate the monthly bill of sampling agency for each location. Provision for editing certain entries by Admin

xvii. Provision to group different customer braches as single entity.

C. **Technical Requirements**

   i)   The mobile application must be supported in Android 4.1 and above.

   ii) The web application must be in developed in the existing environment (PHP 5.1/MYSQL and CodeIgniter Web Framework)

D. Hardware Specifications

   The vendor shall provide specifications of the hardware required, such as printers and scanners