Government of Tripura
Directorate of Horticulture & Soil Conservation
Department of Agriculture & Farmers' Welfare
Agartala, Tripura
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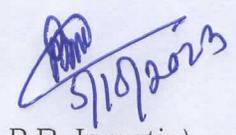No.F.7 (1-69)-H&SC/H/Oil Palm/ **2022-23/P-I**   Date: **7.10.2023**

SHORT NOTICE INVITING SPOT QUOTATION

Spot quotations are invited on behalf of the Directorate of Horticulture and Soil Conservation from interested agencies and start-ups that are empanelled by the Directorate of Information & Technology, Government of Tripura for software, website and application development for State Government departments. All quotations are to be submitted at the office of The Director, Directorate of Horticulture and Soil Conservation, Government of Tripura between 09-10-2023 and 20-10-2023.

The requested quotation is for Online Portal development of **Oil Palm Cultivation Monitoring Dashboard** for Directorate of Horticulture and Soil Conservation.

Detailed eligibility Criteria of agency and Scope of Work (Annexure-A) will be available in the Notice Board at Directorate of Horticulture and Soil Conservation, Government of Tripura, Paradise Chowmuhani, Agartala-799001, Tripura and in the official website of the directorate (https://horti.tripura.gov.in/) from 09-10-2023 to 19-10-2023.

5/10/2023

(Dr. P.B Jamatia)
Director
Horticulture and Soil Conservation
Government of Tripura

ANNEXURE-A

Scope of Work

(Online Portal for Oil Palm Cultivation Monitoring Dashboard under NMOE-OP)

1. Introduction

The Directorate of Horticulture, Government of Tripura, is undertaking a significant project to promote Oil Palm cultivation in the state. This project spans eight districts and aims to provide training, resources, and assistance/subsidies to farmers interested in Oil Palm cultivation. To ensure efficient monitoring and management, the government seeks the development of a comprehensive online system.

2. Project Objectives

- Farmer Registration and Application:
  - ➤ Develop an online platform allowing farmers to express their interest in Oil Palm cultivation.
  - ➤ Create an application form for farmers to submit their cultivation plans.
- Government Approval Process:
  - ➤ Enable government representatives to connect with farmers in person.
  - ➤ Facilitate on-site inspections of the land for cultivation plan approval.
- GIS Mapping Integration:
  - ➤ Implement GIS mapping functionality for accurate tracking of cultivated areas using latitude and longitude data.
  - ➤ Geotag and map Oil Palm cultivation locations for monitoring.
- Dashboard for Monitoring and Reporting:
  - ➤ Create a comprehensive dashboard offering real-time monitoring capabilities.
  - ➤ Track cultivation progress, including area coverage, product yield estimates, and harvesting schedules.
  - ➤ Integrate with government databases to coordinate subsidies and support.
- Dynamic Monitoring Dashboard:
  - ➤ Develop a dynamic and intuitive dashboard accessible to authorized government officials.
  - ➤ Provide a user-friendly interface with customizable widgets and real- time data visualization.
- Cultivation Progress Tracking:
  - ➤ Implement features to track the progress of Oil Palm cultivation across districts and regions.
  - ➤ Display real-time data on the total area under cultivation, growth stages, and estimated harvest timelines.
- Product Yield Estimates:

- ➤ Integrate data analytics to calculate and present estimated product yields based on cultivation data.
- ➤ Enable officials to make informed decisions on resource allocation and distribution.
- ➤ Area-Based Cultivation Insights:
  - ➤ Offer in-depth insights into area-based cultivation trends and statistics.
  - ➤ Visualize data on cultivated areas by district, village, and farmer to identify successful practices and areas for improvement.
- ➤ Resource Management Tools:
  - ➤ Include tools for government officials to manage and allocate resources efficiently.
  - ➤ Monitor subsidy distribution, training programs, and support services through the dashboard.
- ➤ Notification and Alert System:
  - ➤ Implement a notification and alert system to notify officials of critical updates, milestones, or issues.
  - ➤ Ensure timely response to cultivation-related events and challenges.
- ➤ Data Export and Reporting:
  - ➤ Enable data export and reporting functionalities for comprehensive analysis and record-keeping.
  - ➤ Generate customizable reports for government records and decision-making.
- • GIS Mapping Integration
  - ➤ Seamlessly integrate GIS mapping data into the dashboard for visual representation of cultivation areas.
  - ➤ Enable officials to cross-reference maps with cultivation data for enhanced monitoring.
- • User Access Controls:
  - ➤ Implement role-based access controls to ensure that only authorized personnel can access sensitive data.
  - ➤ Define user roles and permissions for secure information management.
- • Scalability and Future Expansion:
  - ➤ Design the dashboard to be scalable to accommodate future project expansion and additional features.
  - ➤ Ensure that the system can adapt to evolving requirements and data volume.

3. Technical Requirements

The technical requirements for the project include:

- • Web-Based System:
  - ➤ Development of a web-based system accessible on various devices.
- • Security Measures:

- Implementation of robust security measures, including user authentication and data encryption.
- GIS Integration:
  - Integration with GIS mapping tools to accurately capture latitude and longitude data.
- Real-Time Data Handling:
  - Real-time data synchronization and reporting capabilities for monitoring and reporting.

Minimum Eligibility Criteria for Agencies/Startups

The call for quotation is open to all bidders who qualify the eligibility criteria as given below:

i. Legal entity: Agency should be a company/ LLP incorporated in India under the Companies Act, 1956 and subsequent amendments thereto or a partnership firm registered under LLP Act, 2008/Indian Partnership Act, 1932 based in Tripura. Relevant document has to be submitted.

ii. The agency/startup must be Empaneled by of Directorate of Information Technology, Govt of Tripura for development of Websites/apps/portals. Empanelment Certificate to be Submitted.

iii. The agency must have experience in developing Five number of Web-based platform for any Government of Tripura Department/ Organization. The agency must upload relevant work order.

iv. The agency must have an average turnover of 20 Lakhs INR for the last three financial years. Turn over certificate in ATC has to be submitted.

v. The agency must have in existence for more than 5 years from the date of issuance of the Call for quotation/EoI document.

vi. The agency should upload copy of GST and PAN.

vii. The agency has not been blacklisted by any Central / State Government department/ PSUs (self-declaration to be submitted).

Documents to be submitted

Sl. No.	Documentary Evidence
1.	Agency Registration Certificate/Incorporation Certificate.
2.	Empanelment Certificate by DIT, Govt of Tripura.
3.	Proof of development of Web-based platform.
4.	Turnover certificate in ATC.
5.	Copy of PAN and GST Registration.
6.	Self-declaration of non-blacklisting.
7.	Any other document as per terms and conditions of this tender document.