वना जा क्र /SREP App /दरपत्रक /२४५८/२०२४
नागपूर दिनांक : ०८ जुलै ,२०२४

प्रति

विषय : आत्मा अंतर्गत (SREP) app तयार करण्यासाठी स्वारस्य प्रस्ताव मागविण्याबाबत .

उपरोक्त विषयाच्या अनुषंगाने सन २०२४ -२०२५ ते २०२८ -२०२९ या पाच वर्षासाठी आत्मा अंतर्गत SREPआराखडा तयार करण्यात येणार आहे . सदर SREP तयार करताना गाव पातळी वरील माहिती संकलित करण्यासाठी (PRA) एक स्वतंत्र mobile app विकसित करण्याचे प्रस्तावित आहे . सदर app तयार करण्याकरिता मार्गदर्शक सूचना सोबत सहपत्रीत करण्यात येत आहे .

तरी सदर (SREP) app तयार करण्याबाबतचे स्वारस्य प्रस्ताव दिनांक १५ जुलै २०२४ पर्यंत संध्याकाळी ४.०० वाजेपर्यंत सादर करावे, यामध्ये पूर्वी केलेल्या प्रकल्पाची विस्तृत माहिती देण्यात यावी. संस्थेशी संबंधित app तयार करण्यासंबंधी १ पेज नोट व दरपत्रक स्वारस्य प्रस्तावा सोबत सादर करावे. उशिरा येणाऱ्या प्रस्तावांचा विचार केला जाणार नाही. विस्तृत माहिती साठी सहपत्रीत परिशिष्टचे अवलोकन करावे.

सहपत्र : परिशिष्ट

संचालक
वनामती , नागपूर

Call For Expression of Interest (App Developer): ATMA (SREP) App Preparation.

Project Title: ATMA (SREP) App Development for Agricultural Data Consolidation in Maharashtra

Introduction:

The agriculture sector in Maharashtra, comprising 36 districts, is centre to the state's economy and food security. However, this sector faces numerous challenges, including unpredictable weather patterns, diverse soil types, and varying rainfall, which affect crop yields and farmers' livelihoods. Addressing these challenges requires comprehensive and up-to-date agricultural data. This project, titled (ATMA) Agriculture Technology Management Agency (SREP) Strategic Research and Extension Plan App Development, aims to consolidate agricultural data related to crops, rainfall, soil, climate, and weather, data of all the line departments, research organizations, non-governmental organizations and agencies associated with agricultural development in the district across all districts of Maharashtra. The development of a mobile application will facilitate the collection, updating, and analysis of this data, enabling the identification of problem areas, supporting policy-making, and providing timely aid to farmers.

Objectives

* Comprehensive Data Collection:

* Conduct field surveys to collect baseline data on crops, rainfall patterns, soil quality, climatic conditions and weather across all 36 districts.

* Implement regular updates to ensure the data reflects current agricultural conditions.

* Development of a Mobile Application:

* Design and develop a user-friendly mobile application for real-time data collection and consolidation.

* Ensure the application includes features for easy data entry, retrieval, and analysis, accessible to both field officers and policymakers.

* Identification of Agricultural Challenges:

* Analyse the consolidated data to identify districts and regions facing significant agricultural challenges.

* Highlight areas requiring immediate attention and intervention.

* Policy and Aid Facilitation:

* Provide government bodies with reliable data to formulate and implement effective agricultural policies.

* Enable targeted aid distribution and resource allocation based on identified needs.

* Develop strategies for capacity building, marketing support, and other farmer support systems.

* Address baseline data gaps to ensure comprehensive coverage and inclusion of all agricultural areas.

Target Beneficiaries

* **Farmers:**

Accurate and up-to-date information will empower farmers to make informed decisions regarding crop management, resource utilization, and market strategies.

* **Government Agencies:**

Reliable data will enable government bodies to formulate and implement well-informed agricultural policies, ensuring efficient use of resources.

* **Agricultural Researchers and Extension Workers:**

Enhanced data access will support research and extension activities aimed at Improving agricultural practices and productivity.

Expected Outcomes

* **Consolidated Agricultural Data:**

* Creation of a centralized repository of agricultural data for all 36 districts.

* Improved Access to Information: Simplified access to crucial agricultural data through a mobile application.

* **Data-Driven Policy Making:**

- Enhanced capability of government agencies to formulate and implement effective agricultural policies based on reliable data.

- **Timely Identification of Problem Areas:** Accurate identification of problem-prone areas, facilitating prompt interventions.

- **Continuous Information Updates:** Regular data updates to ensure the information remains current and relevant.

- **Enhanced Agricultural Strategies:**

- Development of effective strategies for farmers, including capacity building and marketing support.

- **Efficient Government Response:**

- Improved government response to agricultural challenges through data-driven insights.

Geospatial Mapping:

Geospatial mapping will be conducted for all 36 districts of Maharashtra state, providing valuable visual data for planning and intervention.

Conclusion:

The ATMA (SREP) App Development project aims to transform the agricultural sector in Maharashtra by consolidating data from all 36 districts into a single, accessible platform. The creation of a comprehensive mobile application will facilitate real-time data collection and analysis, enabling the Government to make informed decisions and provide timely support to farmers. By addressing current data gaps and identifying problem areas, this initiative will significantly enhance the agricultural landscape of Maharashtra, ensuring sustainable growth and improved livelihoods for farmers. This strategic research extension plan is envisioned to be a cornerstone in the agricultural domain, driving effective policy-making and resource allocation to foster a resilient and thriving agricultural sector in Maharashtra.

Director
VANAMATI, Nagpur