



**INVITATION FOR QUOTATIONS FOR SUPPLY OF
GOODS UNDER SHOPPING PROCEDURES**

To

Dear Sirs,

Subject: Invitation for Quotations for upgradation of Phule Smart Weather (PSW) Mobile and CAAST Admin Dashboard (CAD) Web applications under CAAST-CSAWM, MPKV, Rahuri ...

1. You are invited to submit your most competitive quotation for the following:

Sr. No.	Particulars	Quantity
1	<p>Upgradation of existing Phule Smart Weather (PSW) Mobile application developed in Kotlin, CAAST Admin Dashboard (CAD) Web application built using .NET Core and SQL by integrating the Rainfall erosivity factor (R) calculations.</p> <p>Technical Specifications:</p> <p>1. Dashboard Enhancements Both Web/ and Mobile:</p> <p><i>a. User Interface (UI):</i></p> <ul style="list-style-type: none">Review and optimize the UI/UX design for improved user experience.Implement responsive design to ensure compatibility across various devices and screen sizes.Enhance data visualization and presentation to provide users with meaningful insights. <p><i>b. Performance Optimization:</i></p> <ul style="list-style-type: none">Analyze and optimize database queries and data retrieval processes to improve dashboard loading times.Implement caching mechanisms where applicable to reduce server load and improve response times. <p><i>c. Security Enhancements:</i></p> <ul style="list-style-type: none">Review and enhance authentication and authorization mechanisms to ensure data security.Implement role-based access control to restrict access to specific dashboard features. <p>2. Integration of Rainfall erosivity factor (R) calculations both in Mobile and Web applications:</p> <p><i>a. Data Integration:</i></p> <ul style="list-style-type: none">Develop connectors and APIs to calculate Rainfall erosivity factor (R) data from external sources or databases.Implement data validation and cleansing processes to ensure the accuracy of integrated data.	1

	<p>b. Calculation and Display:</p> <ul style="list-style-type: none"> • Create algorithms or scripts to calculate Rainfall erosivity factor (R) based on the integrated data. • Display Rainfall erosivity factor (R) information in a user-friendly and informative manner within the dashboard. <p>c. Visualization:</p> <ul style="list-style-type: none"> • Implement graphical representations (charts, graphs, maps) to visually convey Rainfall erosivity factor (R) data to users. • Allow users to customize and filter the Rainfall erosivity factor (R) data for their specific needs. <p>d. Database and Backend Updates</p> <p>e. Database Schema Changes:</p> <ul style="list-style-type: none"> • Modify the database schema to accommodate the new Rainfall erosivity factor (R) data and related calculations. • Ensure data consistency and integrity through appropriate constraints and indexes. <p>f. API Endpoints:</p> <ul style="list-style-type: none"> • Create new API endpoints for Rainfall erosivity factor (R) data retrieval and manipulation. • Update existing APIs to support the enhanced dashboard features. <p>3. Testing and Quality Assurance:</p> <ol style="list-style-type: none"> Develop comprehensive test cases for both functional and non-functional requirements. Perform unit testing, integration testing, and system testing to validate the changes. Conduct user acceptance testing (UAT) to ensure that the dashboard meets user expectations. 	
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- Government of India has received a financing from the World Bank towards the cost of the **CAAST-CSAWM Project, MPKV, Rahuri** and intends to apply part of the proceeds of this financing to eligible payments under the contract for which this invitation for quotations is issued.
- Bid Price**
 - The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
 - GST in connection with the sale shall be shown separately.**
 - The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - The Prices shall be quoted for per unit and in Indian Rupees only**
- Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this quotation.
- Validity of Quotation**
Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.
- Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - Are properly signed; and
 - Conform to the terms and conditions, and specifications.
 - The Quotations would be evaluated for the entire item together
 - Sales tax in connection with sale of goods shall not be taken into account in evaluation.

7. **Award of contract**
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price. **The quantity may increase or decrease at the time of placing purchase order.**
- 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
- 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer will be incorporated in the supply order.
8. The payment will be made on actual receipt of source code and satisfactory deployment of Android mobile application and Web based application.
9. Normal commercial warranty/ guarantee shall be applicable to the supplied goods.
12. The firm should provide proof of GST registration no. / TIN no. / PAN no.
13. We look forward to receive quotations and thanking of bidder's interest in this project.
13. You are requested to provide your offer latest by **18:00 hours on or before 30/10/2023 in the name of Principal Investigator, CAAST-CSAWM, MPKV, Rahuri, 413722.**
14. Envelope should be super scribed as **"Quotations for upgradation of Phule Smart Weather (PSW) Mobile and CAAST Admin Dashboard (CAD) Web applications under CAAST-CSAWM, MPKV, Rahuri.**



**Procurement officer
CAAST-CSAWM
MPKV, Rahuri**

FORMAT OF QUOTATION*

Sr. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
	Total						
	GST/Taxes						
	Gross Total Cost						

We agree to supply the above spare parts/goods in accordance with the technical specifications for a total Contract price of Rs. (Amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of..... months shall apply to the offered goods.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Any other Terms and Conditions...

Signature of Supplier