NO.F.94(18)-IT/DSWE/2018/6378   Dated 02/ 01 /2024

NOTICE INVITING REQUEST FOR PROPOSAL (RFP)

On behalf of the Department of Social welfare and Social Education, Govt. of Tripura ,the undersigned invites **"Request for Proposal"** from the interested and experienced agencies for the Development and Implementation of Mobile Application for Inspection of Anganwadis in Tripura. We invite you to participate in this Expression of Interest (EOI) process to provide your expertise in these areas.
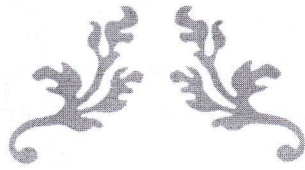
The documents can be downloaded from website www.tripuratenders.gov.in & www.socialwelfare.tripura.gov.in w.e.f. 02.01.2024 up to 5.00pm of 15.01.2024. Opening of EOI will be held on 18.01.2024 at 12.30 P.M. at Directorate of Social Welfare and Social Education, Ujan Abhoynagar, Agartala if possible.

The Director, SW & SE Deptt. reserves the right to amend / modify RFP documents and/or to reject any or all proposals without assigning any reasons thereof. Amendments /modifications if any shall not be published in the newspapers but the same shall be uploaded in the website www.socialwelfare.tripura.gov.in

The detailed Terms & Conditions and Agreement of RFP will be available in the website www.tripuratenders.gov.in & www.socialwelfare.tripura.gov.in.The interested bidder may visit the above mentioned website and download detailed Terms & Conditions and Draft Agreement of EOI from the website.

(Smitha Mol.M.S.)
Director
Social Welfare and Social Education
Tripura

Request for Proposal for Development And Implementation of Mobile Application for Inspection of Anganwadis In Tripura

DEPARTMENT OF SOCIAL WELFARE & SOCIAL EDUCATION
Govt. of Tripura
Malancha, Ujan Abhoynagar, Agartala, Tripura, Pin-799005

Subject: Request for Proposal - Mobile Application for Inspection of AWCs in Tripura

Directorate of Social Welfare and Social Education is seeking proposals from qualified vendors for the development and implementation of a mobile application for the inspection of Anganwadi Centers (AWCs) in the state of Tripura. We are looking for an innovative and user-friendly solution that will enable efficient and accurate inspection processes, ensuring the effective functioning of AWCs.

Scope of Work:

1. **Application Overview:**
   - Develop a mobile application compatible with iOS and Android platforms.
   - The application should facilitate seamless data collection and reporting during AWC inspections.
   - Ensure user-friendly interfaces for both inspectors and administrators.
   - Implement necessary security measures to protect sensitive data.

2. **Key Features:**
   - Online and offline data collection capabilities.
   - Secure login and authentication for authorized personnel.
   - GPS tracking for location-based inspections.
   - Ability to capture and upload images, videos, and documents as evidence.
   - Real-time syncing of data to a central database.
   - Generate comprehensive inspection reports with customizable templates.

3. **Functional Requirements:**
   - Create a user-friendly interface for inspectors to conduct inspections, record observations, and submit reports.
   - Enable administrators to manage inspector accounts, assign inspections, and review submitted reports.
   - Implement a robust database to store and manage inspection data securely.
   - Provide data analytics and visualization capabilities for better decision-making.
   - Support multilingual capabilities to accommodate local languages.

4. **Technical Requirements:**

   - Develop the application using modern and scalable technologies.
   - Ensure compatibility with a wide range of mobile devices and operating systems.
   - Implement data encryption and secure transmission protocols.
   - Enable seamless integration with existing systems, if applicable.

- Provide ongoing technical support and maintenance after deployment.
- <u>Minimum technical specifications are as follow</u>:

Development IDE	Android Studio Giraffe and above
Programming language	Kotlin
Database	Google Fire store/Firebase
Application Design Standard	Google Material Design Standard
Android OS Support	10 (Android Q) and Above
UI Design framework	Constraint Layout
Development Approach	Android Native Development Environment
Location Tracking Framework	Google Geo Location Framework
Version Control	Private Git repository

- Delivery timeline- 14 days from work order

- 1 year service warranty with no additional cost.

- No maintenance cost during the service warranty period.

- Training program for all App Users with no additional cost by visiting all 8 Districts as and when required/desired by the Project Officer. At least 1resource person conversant in Kokborok will be required to be present in training.

- Any bugs reported after the app goes live will have to be fixed with no additional cost for 1year from the date of delivery.

- In case Google comes up with any new OS level change, if our application functionality is affected, the Developer has to fix the issue(s) with no additional cost.

- After completion of application development, the source code has to be delivered to the Dept. The source code should be compiled in Government Desktop/Laptop in front of the Project Officer and the compiled apk file should run on the mobile phone assigned by the Dept.

- Git Repository has to be updated with the latest source code on a daily basis and a confirmation email has to be obtained from the Dept on a daily basis after committing all the artefacts.

5. **Proposal Submission**:
- Interested vendors are requested to submit a detailed proposal outlining their approach, methodology, and timeline for the project.
- Include information about the vendor's experience in mobile application development and relevant case studies.
- Provide a breakdown of costs, including development, licensing, implementation, and ongoing support.
- Mention any additional services or features that could enhance the application's functionality.

6. **Timeline**:
- Proposal Submission Deadline: **15th January 2024 at 5 PM**

7. **Evaluation Criteria**:
- Experience and expertise in developing mobile applications for government or similar organizations.
- Technical capabilities and understanding of the project requirements.
- Quality and relevance of past projects.
- Cost-effectiveness and value for money.
- Availability of ongoing technical support and maintenance.

8. **Evaluation Process**:
- Proposals on scrutiny, meeting the requirements as aforementioned only will be allowed for detail project plan presentation and evaluation, before proceeding for final selection based on least cost basis.

7. **Cost estimate:**
- Benchmarking of the costing will be done with the rates being followed by the Dept. of IT, Govt of Tripura for similar scope of works.

Please address the proposal to Director, Social Welfare & Social Education, Govt of Tripura **with caption in subject as "Proposal – Development and Implementation of Mobile application for Inspection of AWCs in Tripura"** and submit it via email to icds.dswe@gmail.com. Late submissions will not be accepted.

For any questions or require clarification, please contact us at icds.dswe@gmail.com.

Undersigned reserves the right to cancel the entire process at any stage without assigning any reason.

Director, SW & SE
Govt of Tripura