

Scheduled Tribes Development Department

IT Project for Online Services

1. Introduction

The Scheduled Tribe Development Department has implemented several schemes for the Tribal community in the state. The majority of the development schemes are currently being implemented in offline mode and some through other web applications. Now the department has decided to implement all the offline schemes to online mode. Initially 13 schemes have been identified by the department, which has to be implemented as Phase-1. the department planning a new web application for implementing the development schemes.

2. Main requirements of the Project

1. Development of an online scheme management software for processing applications and disbursing grants to the beneficiaries of various development schemes implemented by the Scheduled Tribe Development Department.
2. API should be linked with e-service portal
3. Apart from the thirteen services proposed to be provided on the online platform, there shall be provision to add on newer services as may be required. Interoperability with existing databases and IT platforms shall be ensured.
4. Integration with Treasury Bill Information Management System (BIMS) / Public Financial Management System (PFMS) for disbursement of financial assistance to the account of the beneficiary via DBT.
5. Integration with UIDAI for Aadhaar authentication, Ration card application and e-district.
6. Integration with SMS and Email gateway for sending messages and notifications.
7. The security check of the web application shall be done by the CERT-in empaneled agency and hosted in the State data center.
8. The officers of the department should be fully trained.

3. Existing system

At present, the STDD processes and distributes two educational schemes through the eGrantz portal. Other schemes which are not covered under the online service portal.

4. Required System

In the required system, the existing e-Grantz application will be customized to incorporate the remaining educational schemes currently being implemented in offline mode and a new web application will be developed for implementing the development schemes identified by the scheduled Tribe Development Department. Through the system, the ST beneficiaries can directly apply for the various schemes based on their eligibility criteria. The online applications are verified by different levels of users and finally approved/ rejected at the District Level. The financial assistance will be then transferred directly to the beneficiary's bank account via DBT mode. The directorate user will get a comprehensive dashboard which shows the statistical information on the various schemes implemented by the ST department. The possible integrations with external applications namely UIDAI for aadhaar authentication, Integration with ration card database, e-district and BIMS/PFMS can also be done.

4.1 Features of the System

The required web application facilitates online submission of applications to various schemes, verification of online applications, approval/ rejection of application and online disbursement of financial assistance to the bank account of beneficiaries in a safe and

secure manner. The system improves efficiency and brings out transparency in the grant distribution process. The Direct Beneficiary Transfer (DBT) mode of fund disbursement will eliminate malpractice and financial fraud in fund transfer. The system will also send notifications/ alert messages to the beneficiaries/ users of the system at different stages of application processing namely during sanction of application, disbursement of funds, etc.

The major features of the required system include:

1. One-Time Registration

The beneficiaries of the scheme must complete one-time registration in the portal using aadhaar authentication.

2. Beneficiary Profile creation

The beneficiaries can create their profile in the portal with details such as gender, date of birth, communication address, community details etc.

3. Online submission of applications

The beneficiaries eligible for the schemes can submit the application for assistance online through the system. The supporting documents required for the application can also be uploaded online. For the supporting documents for which web service integration is available, the beneficiary can fetch the document details from the respective system.

4. Online Processing of applications

The online applications and supporting documents submitted by the beneficiaries for the various schemes can be verified at different levels of the department. The applications can be verified, approved/ rejected at various levels based on the hierarchy for the scheme.

5. Online Disbursement of Grant

After approval of the applications, the financial assistance will be disbursed to the bank account of the beneficiaries through DBT mode.

6. Status Monitoring

The beneficiaries can view the status of their application and disbursement of funds through the online system.

7. Integration with e-District Portal

The online system will be integrated with the e-District application of the Revenue department to fetch the community/ income details of the beneficiary through a web service. Instead of uploading the caste certificate of the beneficiary, the system can fetch the details from the e-District system using the certificate number.

8. Integration with Treasury System

Integration with the Treasury System for the disbursement of financial assistance to the bank accounts of the beneficiaries. The integration will be done through a web service (API) for sharing the disbursement list and for Reconciliation of payments with treasury. The authorized officer can forward the disbursement details to the treasury system through an API for crediting the amount to the bank account of the respective beneficiary. The beneficiary will receive an SMS notification on successful credit of grant. Integration with the PFMS system can also be done with the availability of web service.

9. Integration with Ration Card Database

The online system shall be integrated with the ration card application of the civil supplies department for fetching the family member details from the ration card database of the applicant.

10. Integration with SMS and email Gateway

SMS and email gateways shall be integrated in the system for sending specific and alert

messages to the users of the system. Proposed system will have the provision for sending messages and notification to beneficiaries at various stages of application processing

11. Dashboard and Report Module

The web application will provide the dashboard to different levels of users in the scheduled Tribe Development Department. The dashboard will show the statistical information on the various schemes implemented through the proposed system such as applications received/ processed/ pending/ approved/ rejected, funds disbursed etc. under each scheme.

12. Software Administration

The software administration module permits the admin to set up various configurations and parameters such as user creation, user management, other master settings etc. Basically, it acts as a master for the whole web application and includes

- Define user roles and set permissions for efficient user control
- User creation and user management

5. Major Development Schemes Identified for the System

The development schemes covered in the new web application are as follows.

1. House repair (SAFE)
2. Assistance for the Marriage of ST girls.
3. Inter caste marriage grant
4. Janani Janmaraksha
5. Financial assistance to Sickle Cell Anemia patients (Rs.2500/ per month)
6. Financial assistance to dependents on death of single earning member
7. Financial assistance to orphans (Rs.1500/ per month)-KAITHNG
8. Initial expenses to ST students taking admission in Medicine/ Engineering course
9. Scholarship for students in ITI / Training Centres
10. Tutorial Grant for 8,9,10,11,12 class students
11. Ayyankali Talent Search & development Scheme
12. Special incentives to brilliant student
13. Overseas scholarship scheme

This module will have the following submodules and features

- Online submission of application- The beneficiary can apply for getting the financial assistance of above the schemes through the online software. They can submit the application with all relevant details and upload the required documents.
- The system will generate a unique docket number on successful submission of applications. This will be intimated to the applicant as SMS to the registered mobile number. The submitted application reaches the inbox of the Clerk in the concerned District Office.
- Online Verification of application- The department officers in the District Office will have the provision to verify the application and attached documents online. The department users can forward the application to the next level user with his recommendation/ remarks.

- The Project officer/Tribal development officer in the District Office can also verify the online application and attached documents and approve/ reject it.
- Online disbursement of grant- The approved applications will be listed in the inbox of Project officer/Tribal development officer for online disbursement of grant. The amount shall be disbursed in one installments
- The fund will be disbursed online to the beneficiary's bank account via treasury integration.
- The applicant will receive an SMS notification on successful credit of grant.
- The applicants can track the status of their application at any time through the online system using the docket number received at the time of application submission.

Department level users involved are Clerk, Superintendent and Project Officer/Tribal Development Officer.

6. Duration of the project

The duration of the project is **Three** months from the date of signing the MoU and Agreement. This covers Security testing of the application should be completed & hand over to the department.

7.Modalities of Selection

- Invite an Expression of Interest (EOI) from Start-ups.
- A minimum of 3 years of experience in developing software in a government organization/government recognized organization is a must.



JOINT DIRECTOR