



Request for Proposals

Strengthening India's TB Digital Ecosystem: Integrated Surveillance, System Rollout, and Public Platform Enhancements TIFA2.0/2026/007

Posted date: 27 May, 2026

Questions Due: 02 June, 2026 to tifa.bharat@jsi.org

Submissions due: 17 June, 2026 via tifabharat.org

About the Tuberculosis Implementation Framework Agreement (TIFA)

JSI Research & Training Institute, Inc. (JSI) implements the Tuberculosis Implementation Framework Agreement (TIFA) managed by the United States Department of State (DOS). The eight-year (2019–2027) project builds on the United States government's (USG) investments in tuberculosis (TB) and other global health priorities. Through direct engagement with local governments and their partners, TIFA co-designs performance-based fixed amount subcontracts that accelerate countries' progress toward national health targets, support country ownership, and foster sustainability while advancing the DOS goals of making America safer, stronger, and more prosperous.

TIFA employs a phased, collaborative approach to develop subcontracts with our country partners. In partnership with Indian government entities - such as the National Tuberculosis Elimination Program (NTEP) and the Department of State (DOS-US Government), we identify country priorities and potential implementing partners. These partners are invited to apply for subcontracts and, if selected, are guided through a co-design process. The implementing organisation then executes the subcontracts, and DOS and JSI/TIFA verify completed milestones. Since its inception in India, JSI/TIFA has issued 49 subawards to 21 implementing partners, supporting national program priorities across various thematic areas within the NTEP framework.

Statement of Purpose

The National TB Elimination Programme (NTEP) rolled out Ni-kshay 2.0 in 2018 as a robust, scalable and interoperable upgrade to the Ni-kshay digital platform for tuberculosis (TB) management. Since then, many new features and modules have been incorporated into Ni-kshay, thereby growing the digital ecosystem.

This proposal outlines the design and deployment of an integrated platform for Ni-kshay to enable a TB pre-screening module, a cough syrup surveillance module, and the unified migration of various existing applications into Ni-kshay, along with an additional scope of work that will be guided by the Central TB Division (CTD) during the project codesign phase. Technology development must be compatible with the existing Ni-kshay environment, inclusive and field-ready with multilingual interfaces, assisted workflows for low-literacy users, and offline capability for use in low-connectivity areas. It shall also ensure robust security through digital consent capture, role-based access control, encryption, and audit trails.

We invite applications from Indian organisations to undertake the following activities:

- Design, develop, and deploy a Ni-kshay integrated digital platform that serves as a single, scalable entry point for TB pre-screening with self-registration provision through an App (Android/iOS) and webpage. The platform shall support self-registration for any citizen and assisted registration by designated healthcare providers recognised by NTEP.
- Automated identification of presumptive TB cases from pre-registration processes based on vulnerability parameters and symptom details and the ability to schedule TB screening through prepopulated Active Case Finding (ACF) camps/events.
- Ensure the platform generates real-time line lists of eligible individuals for TB screening, tracks referred individuals, and captures screening status in sync with Ni-kshay to enable timely testing, treatment linkage, and follow-up.
- Build an auto-sync module in Ni-kshay to search for and fetch pre-screening details for Ni-kshay enrolment of pre-screening individuals.
- Build capability into the platform to include a pharmacy/chemist and private provider engagement module that enables chemists, private clinics, and informal healthcare providers to register eligible individuals for TB/TPT screening with minimal essential variables and other required details to segregate and track them.
- Establish a nationwide seamless, secure linkage between the Ni-kshay application and the SNA SPARSH system in line with an existing IFMIS system of every state to automatically trigger DBT payments for NPY and other schemes as decided by CTD..
- Enhance the Ni-kshay system to bring existing platforms developed under NTEP – such as TB Aarogya Saathi, Ni-kshay SETU Android and iOS applications – and LMIS, under the Ni-kshay digital umbrella to build a unified and centrally managed ecosystem. Establish a system architecture that is compatible for the users to access all relevant TB programme services through one integrated application instead of maintaining multiple standalone apps.
- Further enhancements and revamp of the TB-Mukt Bharat Abhiyaan Mobile App and CTD website will be decided during the co-design process.

Goal	Sample activities	Expected results
Design, develop, and deploy a Ni-kshay integrated digital platform that serves as a single-entry point for TB pre-screening registration for early case identification, for citizens and health providers	UX/UI design of user-friendly interfaces for Android, iOS, and web platforms.	Approved UI/UX wireframes and prototypes for mobile and web applications.
	Develop self-registration modules for citizens and assisted registration modules for NTEP healthcare providers.	Fully functional, secure mobile apps (Android/iOS) and webpage supporting both citizen and provider registration.
	Code algorithmic logic to automatically flag presumptive TB cases based on vulnerability and symptom parameters.	Automated system logic that instantly categorises registrants and tags "presumptive TB" cases based on input data
	Integrate the Active Case Finding (ACF) camp database to auto-schedule screening events.	System-generated schedules linking high-risk individuals directly to the nearest prepopulated ACF camp/event.
	Develop real-time dashboard engines to generate and display line lists.	Dynamic, filterable real-time line lists of eligible individuals

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		accessible to health administrators.
	Implementation of a robust API layer for bidirectional data synchronisation with the core Ni-kshay database.	Seamless, lag-free data sync ensures screening statuses, test results, and follow-ups match Ni-kshay records instantly.
	Design a simplified, low-barrier registration form tailored for chemists, private providers and informal providers.	A live, mobile-friendly engagement module allowing quick data entry (minimal essential variables) by private stakeholders.
	Establish a secure, nationwide API gateway connecting the Ni-kshay platform to the SNA SPARSH system.	fully operational, secure, and encrypted interface between Ni-kshay and SNA SPARSH.
	Conducting a technical audit of codebases for TB Aarogya Saathi, Ni-kshay SETU, and LMIS.	Comprehensive migration roadmap and technical compatibility assessment report.
	Set up a unified, centralized management console for administrators.	Decommissioning plan for standalone apps, resulting in reduced maintenance overhead and a centralized user database.
	Develop wireframes, content architecture, and modernized UI components for the CTD website.	A completely revamped, high-performance, and visually modernised CTD website
	Enhance the TB-Mukt Bharat Application to incorporate features from the Ni-kshay setu application as suggested by NTEP	Augmented, user-friendly application with added features for citizens and providers

Expected Outcomes:

The proposed platform is expected to deliver:

- Citizen self-registration (via App/Web) lowers access barriers, while automated logic routes presumptive cases to localised Active Case Finding (ACF) camps.
- Higher identification of presumptive TB cases in the pre-screening module to reduce the load on the Ni-kshay system.
- The implementation of a lightweight, low-barrier Pharmacy and Private Provider module allowing chemists and private doctors to report cases with minimal variables.
- Real-time, encrypted backend integration between the Ni-kshay application and the national SNA SPARSH system to auto-trigger DBT milestones.
- Hosting of separate apps into one centralised Ni-kshay ecosystem to keep the patient and health workers updated with the updated details.
- Real-time bidirectional data sync with Ni-kshay instantly populates actionable dashboards for local healthcare providers the moment a positive test occurs.
- Enhance the programme website to better user experience and engagement

Eligibility:

Interested organizations must meet the following mandatory criteria:

- **Legal Status:**
 - Must be a legally registered Indian NGO with a valid FCRA registration, or a for-profit organization with all mandatory registrations (PAN, TAN, GST) eligible to receive foreign funds, or an international ***non-governmental*** organization legally registered in India.
 - Public international organizations (PIO) and intergovernmental organizations (IGO) are not eligible.
- **Leadership Commitment:** The Chief Executive must be willing to enter into a formal agreement, and the organization is authorized to receive funds from JSI, the Washington-based partner.
- **Compliance:** Demonstrated ability to comply with all U.S. Government regulations and certifications.
- **Government Liaison:** Proven track record of experience in working in tertiary hospital settings (Medical Colleges, District Hospitals). The applicant must showcase strong existing liaison capabilities with the state tuberculosis centre to ensure smooth program implementation.
- **Operational Readiness:** Ability to rapidly initiate implementation (within 15 days of contract) and deliver all project milestones within 9 months or less (before the end of 31 March 2027).
- **Availability:** Availability to participate in a mandatory Co-Design workshop in New Delhi (tentatively scheduled for the 4th week of June 2026)

Application Submission:

- **Platform:** Applications must be submitted via the **TIFA Bharat Portal** (<https://tifabharat.org/>).
- **Deadline:** 17th June 2026 at 18:00 IST
- **Inquiries:** Questions may be directed to tifa.bharat@jsi.org until 2nd June 2026, at 18:00 IST. Responses will be shared with all eligible applicants by 5th June 2026

Selection Steps:

1. **Administrative Screening:** JSI/TIFA staff will verify that all applications meet basic eligibility requirements.
2. **Technical Review:** A selection committee will evaluate eligible applications based on technical merit.
3. **Ranking:** Applicants will be ranked based on their concept papers.
4. **Co-Design:** Top-ranked organizations will be invited to a multi-day workshop in New Delhi (tentatively 4th week of June 2026) to develop a detailed activity plan and budget.

Evaluation of proposal:

Applications will be scored based on a total of 100 points across the following categories:

- **Technical Approach (40%):** Assessing the feasibility, innovation, and scalability of the proposed digital solutions (e.g., Ni-kshay, community-level registration platform, SNA SPARSH API linkages, and platform integrations). Ensuring robust security and quick fixing of glitches of large-scale digital health platforms. The degree to which the proposed architecture complies with NTEP data security protocols and national digital health blueprints.
- **Organizational Capacity (30%):** Demonstrated track record in designing, developing, and deploying large-scale digital health platforms or government financial integrations (e.g., Ni-kshay portal, PFMS, SNA SPARSH, website enhancement etc.). Government empanelled agencies will be given preference.

- **Government Collaboration (30%):** Proven ability to work on technology solutions alongside government entities, specifically the Central TB Division (CTD) or similar national health programs.

Funding and Timeline:

- **Budget Range:** The total funding for this project is between \$500,000 and \$750,000 USD. JSI/TIFA may issue subcontracts to one or multiple organizations.
- **Project Duration:** All project milestones must be completed within 9 months or less (before the end of March '27).
- **Quick Start-up:** TIFA will prioritize organizations that are ready to begin work immediately once the agreement is signed.
- **Consortium & Sub-contracting:** Consortium proposals with subcontracts are not permitted.