

SCOPE OF WORK (SOW)

NAME OF PROJECT	Unique Identifier Platform, Mercy Corps Syria
GEOGRAPHIC SPREAD	NORTH-EAST AND NORTH-WEST SYRIA
FUND CODE	90724

Background

Since May 2014, Northeast Syria (NES) program has been providing emergency food, non-food assistance with prioritization on cash and vouchers to communities affected by the ongoing conflict. Besides addressing the basic humanitarian needs of the newly displaced population, Mercy Corps NES is working also in an early recovery response with the vulnerable communities to strengthen their livelihoods and reduce negative coping strategies through agriculture and livelihoods assistance, improving their shelter conditions and providing WASH assistance. Coordination is one of the additional sectors in NES implemented through the NES forum. Having successfully concluded the pilot of the Unique Identifier Platform, which has helped in identifying deduplications cases in NES, the participating partners deemed it fit to advertise for E-platform Service Providers capable of providing similar services at an increased scale to the NES partners.

Summary of Services Required

Mercy Corps North-East Syria desires to engage the services of a web-based, interoperable, decentralized, block chain platform to support deduplication checks and data sharing among participating NGOs, the platform is open to all interested partners who buy into the idea and would like to explore the opportunity.

Scope of Work

The contractor's main task is to develop an interoperable, multilingual Unique Identifier (UID) Platform that would enable implementing agencies to use agreed upon data points to identify deduplications and share caseloads. The Platform should be integrated with other mobile data collection applications (with priority integration with ONA, Kobo, Comcare and ODK). Drawing learnings from the UID platform, which was piloted in Hassakeh with four participating agencies, the scale up, will involve all agencies in NES Cash Working Group and to other hubs in Syria. Contractor will allow Mercy Corps to carry out an independent, periodic audit to ensure mobile application and Web platform are secured.

Features of Platform:

The UID Platform will be a decentralized, blockchain platform that supports agencies to organize and query data associated with a single participant or household and link that with a unique code. It will help track household or participant-level UIDs over the program lifecycle in a way that helps participants retain privacy. The UID is assigned to a household or individual, and then be associated with their collected information over time. It serves as an anonymized verifiable point of linkage across datasets. The platform will help in the sharing of caseloads and Program Participants' Management. A computerized application that can work in the background of the existing data collections tools that are currently under use by the agencies (e.g. Ona, Kobo, CommCare, others), where there will not be a need to have a central database or access the agency's data.

Deliverables

The contractor shall deliver the following deliverables:

1. In collaboration with the Cash and Participants Management Specialist, lead the development of workflows and system design
2. Expand the project creation to include more attributes and activities like the number of rounds, sectors, and status.
3. A blockchain-based platform with increased privacy, transparency, and efficiency by utilizing the blockchain's concepts of a Public Ledger, Accounts, Transactions, Consensus.
4. Add Program Participants to the project including but not limited to distribution activities
5. Provide support to the field team during registration/upload of data from existing program participants list.
6. Collaboration with Dev. Society on establishing open APIs
7. Reporting and analytics: Pre-built report, scheduled email report, excel dashboard linking, report builder, Management.
8. User Management: User groups, Case sharing, Based access, Bulk user upload, based case sharing, organizing-based data export, and user management restrictions
9. Support in Data Cleaning and multi-lingual function. Correct all kinds of typos in the words, and make sure that regardless of the way the user writes the name, the system will capture it correctly and thereby increasing the system's ability to capture duplications.
10. Technical documentation and manual creation of the revised system.

Details of each of the above-mentioned deliverables and technical specifications from the pilot activity will be provided for by the contractor in the Technical and Financial proposal.

Performance Period

The start of the contract is from 20 November, 2021 and ends on 19 November, 2022 unless terminated earlier. The estimated implementation time is 12 months.

Invoicing and payment terms

Upon written acceptance by Mercy Corps of each deliverable, the contractor will submit an invoice in accordance with pricing as will be specified in the contract. Mercy corps will make payment to the contractor for all sums not in dispute within 30 days of receiving invoices from the contractor.