



SOLOMON ISLANDS GOVERNMENT
MINISTRY OF MINES, ENERGY & RURAL
ELECTRIFICATION

COMMUNITY BENEFITS SHARING PROJECT PHASE 2 (CBSP 2)

Terms of Reference
UXO Survey

Subcomponent 2b – Improvement of Antioch Road, Tina, Central Guadalcanal

1. Project Overview

The Community Benefits Sharing Project -Phase 2 (CBSP2) under the Tina River Hydro Development Project (TRHDP) is a National project of the Solomon Islands aimed at providing various benefits to indigenous communities and resource owners in the Tina catchment areas including the installation and construction of electricity grid, water supply systems and the improvement of roads. Under component 2b the CBSP-2 plans to improve a 500m stretch of dirt road leading down to Antioch community, identified in Figure 1 (Red). [See also link: <https://maps.app.goo.gl/X3uCEz2MYcDG75tm9>]

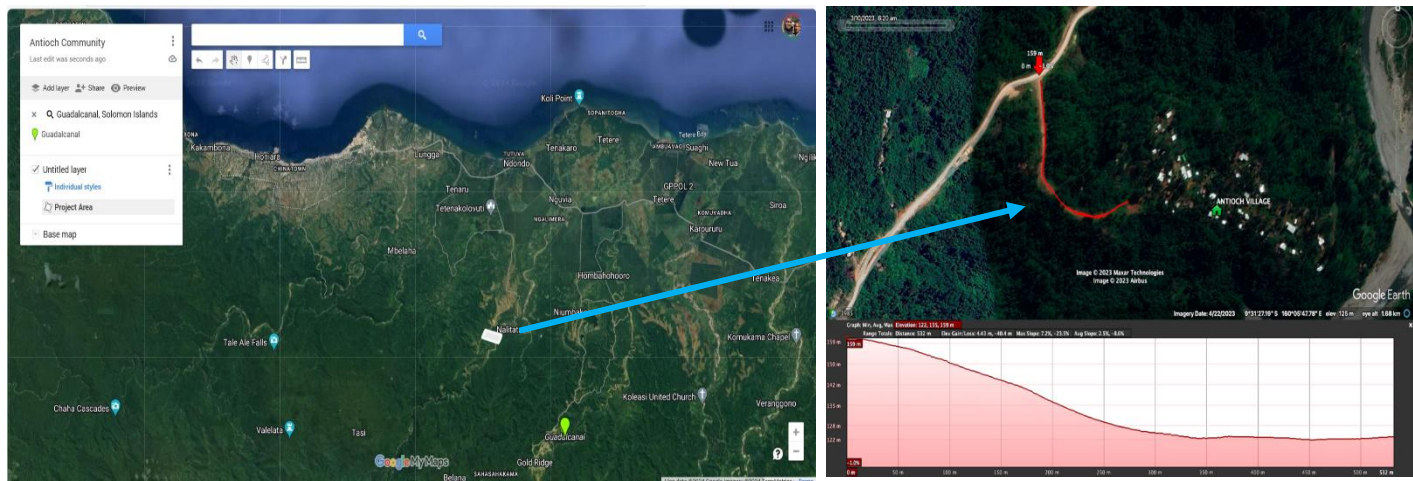


Figure 1: Map of proposed road and construction area, Antioch community, Tina. Proposed road (red).

The Steep Road is inaccessible during rains. It has a highly eroded surface and no functioning drainage system. Access is blocked for all vehicles almost 4 months of the year (esp. rainy season). Pedestrian travel is very cumbersome preventing access to valuable markets in town for the community residents of Antioch which has financial implications for the residents.

1.1 World War 2 and UXOs

The incidences during WW2 (1942-1943) have made the region including this particular project area prone to the presence of UXOs. Other UXO work on the Tina River Hydro Development Project (TRHDP) also confirms this.

The possible presence of Explosive Ordinance (EO) or other military-related hazards is a potential threat to construction contractors, long-term users and others who may access the area as well presenting possible schedule and financial risks to the Project giving rise to the need for an UXO survey to be conducted.

1.3 Requirement for UXO Survey

This document outlines the Terms of Reference (ToR) for conducting an Unexploded Ordnance (UXO) survey for the CBSP-2 Antioch Road project. The purpose of this survey is to identify and safely manage any UXO risks within the construction area to ensure the safety of all personnel and the public and the safe construction of the road.

1.4 PMU Designation

The CBSP-2 project management unit (PMU) under the Project Manager, Project Officer and Infrastructure Engineer will have oversight of the work with the Project officer designated as the focal point of the PMU.

2. Objectives

- To identify the presence of UXO within the designated construction area as identified and confirmed by the designated PMU team.
- To assess the potential risks associated with any identified UXO.
- To provide recommendations for the safe removal and disposal of UXO.
- To ensure compliance with relevant safety and environmental regulations and project E&S instruments.

3. Scope of Work

The UXO survey will include the following tasks:

- **Pre-Survey Planning:**
 - Review of historical records and previous UXO reports of the designated project construction area.
 - Development of a detailed survey plan, including methodologies, OPs and safety protocols.
 - Coordination with relevant local authorities and stakeholders.
- **Field Survey:**
 - Conducting a systematic survey of the project construction area using appropriate detection equipment.
 - Marking and recording the locations of any suspected UXO.
 - Collecting data on the type, condition, and depth of UXO.
- **Risk Assessment:**
 - Analysing the survey data to assess the potential risks.
 - Categorizing UXO based on the type, level of threat they pose, depth found and metal content (Kg)
- **Reporting:**
 - Preparing a comprehensive report detailing the findings of the survey.
 - Providing recommendations for the safe removal and disposal of UXO.
 - Submitting the report to the CBSP- 2 project manager and relevant authorities like EOD, RSIPF if required as final deliverable for the work.

4. Deliverables

The survey should cover the scope of work as the below steps summarise but not limited to:

- Conducting a desktop review of the area, its history and any prior use of UXO
- Conducting the actual UXO survey of the area identified and ID any UXO on site
- Conducting an analysis and interpretation of the survey data collected to locate and identify any UXO present
- Prepare a risk assessment and recommendations on steps to mitigate identified risks

A final report covering sections on all of the above should be produced documenting the conclusion of the work.

5. Timeline

The UXO survey is expected to be completed within **1 Month** from the contracted start date. A detailed timeline will be developed during the pre-survey planning phase in consultation with the Infrastructure Engineer.

6. Team Composition

The survey team should consist of:

- UXO specialists with relevant certifications and experience.
- Survey technicians and support staff.
- CBSP-2 Infrastructure engineer, project officer and project manager

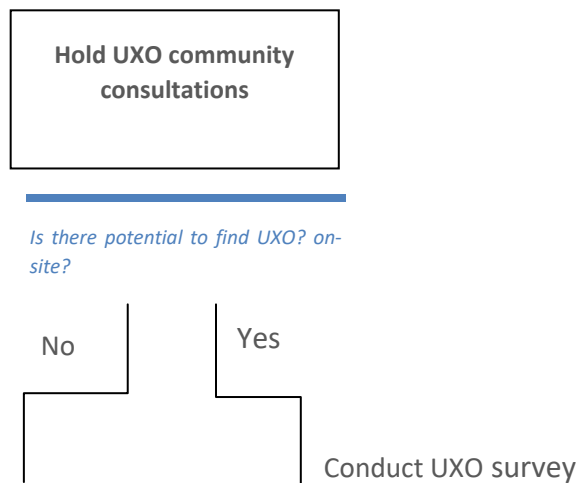
7. Budget and Quotation

A detailed budget should be prepared based on the scope of work and deliverables submitted as part of the RFQ. The budget should cover all costs associated with the preliminary study, UXO survey, including personnel, equipment, operational, reporting and any miscellaneous costs involved. The quotation should also be inclusive of Tax.

8. Safety and Environmental Considerations

All survey activities will be conducted in accordance with relevant safety and environmental regulations and in accordance with the CBSP-2 ESMF which the survey supports but also in close cooperation with the RSIPF Explosive Ordinance Disposal (EOD) Team, under the Ministry of Police, National Security and Correctional Services. The survey team will implement strict safety protocols to protect personnel and the public at all times.

CBSP-2 ESMF (UXO Protocol):



9. Reporting and Communication

Regular progress updates or reporting will be submitted to the project management unit through the CBSP-2 Project Officer. Any significant findings or issues will be communicated immediately to relevant authorities such as the RSIPF.

10. Conclusion

This Tor provides a framework for conducting a comprehensive UXO survey for the Antioch Road project. The successful completion of this survey will ensure the safety of the project area and compliance with all relevant regulations and project documents.

11. Contact

Send quotation submission to CBSP-2 procurement officer: monica.parsad@tina-hydro.com
Phone: +677-25133,