**ANNEX C: Scope of Work (SOW) for Light Rehabilitation of Norgal Girl’s Central High School**

**Project Title:** Provision of Immediate Assistance to Vulnerable Populations in High-Need Areas of Afghanistan  
**Sub-Project Name:** Light Rehabilitation of Norgal Girl’s Central High School  
**Project Location:** Kunar Province, Norgal District, Norgal Girl’s Central High School  
**Organization:** Your Voice Organization (YVO)  
**Announcement Date:** 24 November 2024

**1. Overview**

Your Voice Organization (YVO) is implementing the "Provision of Immediate Assistance to Vulnerable Populations in High-Need Areas of Afghanistan" project funded by AHF. This initiative focuses on improving education facilities for returnee students in the Qarghai and Alingar districts of Laghman Province and the Norgal district of Kunar Province. A key activity under this project is the light rehabilitation of schools, adhering to Education Cluster standards. This activity will be closely coordinated with the Provincial Education Directorate (PED) and District Education Department, ensuring compliance with Ministry of Education norms.

**2. Objective**

A subcontractor will carry out this sub-project. YVO aims to rehabilitate two schools in Qarghai District, including Farman Khail High School, based on findings from a technical survey. The goal is to address structural issues like roof repairs, plastering, finishing, and exterior painting to create a safe, conducive learning environment. Specific objectives include:

1. **Demolition of Boundary Wall:**  
   The objective is to demolish the earthquake-damaged boundary wall and excavate the site, ensuring proper debris removal and preparation for the new construction.
2. **Stone Masonry for Boundary Wall:**  
   The objective is to construct a stone masonry boundary wall using a specified mortar mix, including pointing to ensure a stable and durable structure.
3. **Construction of Brick Masonry:**  
   The objective is to construct a first-class brick masonry wall, ensuring proper alignment and bonding using a specified mortar mix for structural stability.
4. **Construction of Concrete Peak Above Roof:**  
   The objective is to construct a concrete peak above the brick masonry wall using a specified mortar mix, ensuring stability and weather resistance.
5. **Plastering of Brick Masonry Wall:**  
   The objective is to plaster both sides of the brick masonry wall using a mortar mix to provide a smooth, durable finish, enhancing protection against environmental factors.
6. **Removal of Roof Soil and Transportation:**  
   The objective is to remove soil from the roof and transport it to a designated disposal site, following proper safety protocols for efficient execution.
7. **Roof Repair with Pre-Cast Slabs:**  
   The objective is to remove damaged pre-cast slabs and replace them with new slabs, ensuring proper alignment and installation to restore the roof’s integrity.
8. **Installation of Tarpaulin on Roof:**  
   The objective is to install high-quality tarpaulin over the roof area to ensure waterproofing and protect the roof from weather damage.
9. **Placement of PCC Concrete on Roof:**  
   The objective is to place and level PCC concrete with specified mix proportions over the roof, ensuring an even surface and durability.
10. **Installation of Iranian Isogam on Roof:**  
    The objective is to install 4mm Iranian Isogam on the roof, ensuring proper sealing and waterproofing to prevent water infiltration.
11. **Roof Gutter Repair:**  
    The objective is to repair the existing roof gutter system, making necessary modifications to ensure efficient water drainage.
12. **Removal and Installation of New Gutters:**  
    The objective is to remove the old gutters and install new 24-gauge iron sheet gutters, ensuring proper alignment and sealing for optimal drainage.
13. **Procurement and Installation of Glass:**  
    The objective is to procure and install 4mm glass for windows and doors, ensuring proper fitting and sealing to enhance security, insulation, and functionality.

**3. Detailed Scope of Work**

This light rehabilitation project includes the following key activities:

**Activity 1: Demolition of Boundary Wall (22.00 m³):**

* Demolition of the boundary wall damaged in the earthquake, including excavation.
* Excavation dimensions: 11 meters (length), 0.8 meters (width), 2.5 meters (depth).
* Tasks include the removal of debris, leveling the excavation area, and preparing the site for new construction.

**Activity 2: Stone Masonry for Boundary Wall (19.25 m³):**

* Construction of a stone masonry wall for the new boundary, with dimensions of 11 meters (length), 0.7 meters (width), and 2.5 meters (height).
* Mortar mix ratio: 1:4 (cement to sand).
* Includes pointing work to ensure smooth and finished surfaces.

**Activity 3: Construction of Brick Masonry (2.0625 m³):**

* Construction of first-class brick masonry wall, with dimensions of 11 meters (length), 0.25 meters (width), and 0.75 meters (height).
* Mortar mix ratio: 1:5 (cement to sand).
* Ensure proper alignment, bonding, and finish.

**Activity 4: Construction of Concrete Peak Above Roof (0.385 m³):**

* Construction of a concrete peak above the brick masonry wall, measuring 11 meters (length), 0.35 meters (width), and 0.1 meters (thickness).
* Mortar mix ratio: 1:1.5:3 (cement, sand, and aggregate).
* Ensure proper curing and alignment of the concrete.

**Activity 5: Plastering of Brick Masonry Wall (22.0 m²):**

* Plaster both sides of the brick masonry wall with a mortar mix ratio of 1:3.
* Ensure smooth application, curing, and finish for durability and visual quality.

**Activity 6: Removal of Roof Soil and Transportation (683 m²):**

* Removal of soil from the building roof and transportation to an appropriate disposal site.
* Includes all necessary equipment, labor, and safety measures for the removal process.

**Activity 7: Roof Repair with Pre-Cast Slabs (152 Units):**

* Removal of existing damaged pre-cast slabs and installation of new slabs (1m x 0.5m x 0.07m).
* Ensure proper sealing and alignment of the slabs to guarantee roof stability.

**Activity 8: Installation of Tarpaulin on Roof (683 m²):**

* Installation of high-quality tarpaulin over the entire 683m² roof.
* Ensure proper securing of the tarpaulin to prevent leaks and provide water resistance.

**Activity 9: Placement of PCC Concrete on Roof (47.81 m³):**

* Placement of PCC concrete (M150 mix) with a thickness of 7 cm over the entire 683m² roof area.
* Ensure uniform coverage, proper curing, and finish for a smooth, durable surface.

**Activity 10: Installation of Iranian Isogam on Roof (683 m²):**

* Procurement and installation of 4mm Iranian Isogam over the entire roof area.
* Ensure proper sealing and overlapping of seams for effective waterproofing.

**Activity 11: Roof Gutter Repair (1.0 L/M):**

* Repair of the existing roof gutter, including necessary technical modifications.
* Ensure proper slope, sealing, and functionality for efficient water drainage.

**Activity 12: Removal and Installation of New Gutters (9.0 m):**

* Removal of damaged gutters and installation of new 24-gauge iron sheet gutters.
* Proper alignment, sealing, and installation to ensure optimal performance.

**Activity 13: Procurement and Installation of Glass (9.0 m²):**

* Procurement and installation of 4mm glass for windows and doors, including all necessary accessories (Chufti, hardware).
* Ensure proper sealing and alignment for a secure and functional installation.

**4. Deliverables**

* **Demolition of Boundary Wall:** Demolition of the damaged boundary wall and excavation of the site, with proper disposal of debris and site preparation.
* **Stone Masonry for Boundary Wall:** Construction of stone masonry wall with mortar mix and pointing work for a stable and durable structure.
* **Construction of Brick Masonry:** Construction of brick masonry wall with specified mortar mix, ensuring proper alignment and stability.
* **Construction of Concrete Peak Above Roof:** Construction of concrete peak above the brick wall, ensuring stability and weather resistance.
* **Plastering of Brick Masonry Wall:** Plastering of both sides of the brick masonry wall with a smooth, durable finish.
* **Removal of Roof Soil and Transportation:** Removal of soil from the roof and transportation to a designated disposal site.
* **Roof Repair with Pre-Cast Slabs:** Removal and replacement of damaged pre-cast slabs on the roof, ensuring proper installation and alignment.
* **Installation of Tarpaulin on Roof:** Installation of high-quality tarpaulin on the roof to provide waterproofing and protection.
* **Placement of PCC Concrete on Roof:** Placement and leveling of PCC concrete (7 cm thickness) over the roof surface.
* **Installation of Iranian Isogam on Roof:** Installation of 4mm Iranian Isogam on the roof to ensure waterproofing.
* **Roof Gutter Repair:** Repair of existing roof gutter system for proper drainage and functionality.
* **Removal and Installation of New Gutters:** Removal of old gutters and installation of new 24-gauge iron sheet gutters for efficient water drainage.
* **Procurement and Installation of Glass:** Procurement and installation of 4mm glass for windows and doors, ensuring proper fitting and sealing.

**5. Project Timeline**

* **Start Date:** 10/December/2024
* **Completion Date:** The project is scheduled for completion within 2-3 months, with a maximum duration of 3 months.

**6. Special Considerations**

* **Quality Assurance:** All materials and workmanship must meet or exceed industry standards.
* **Safety Protocols:** Compliance with safety standards is mandatory throughout the project duration.
* **Weather Contingencies:** Project schedule adjustments may occur based on weather conditions to maintain quality.
* **No-Cost Modifications:** Any modifications or additional work must be authorized by YVO and follow the initial project agreement.
* **Submittals:** The contractor is responsible for timely submission of all required documentation and approvals.
* **Labor:** Unskilled labor should be sourced from the site, with consideration for age restrictions. It is essential to ensure that no workers under the age of 18 are employed on the project.
* **Reporting:** The contractor is required to submit weekly and monthly progress reports, along with quality control reports, to the YVO.
* **Site visit:** The companies are encouraged to visit the site before submitting their pricing proposals.

**7. Payment Terms**

Payment will be made based on completion of key milestones as specified in the contract agreement. Detailed terms and conditions will be outlined in the final contract with the selected contractor.