**ANNEX C: Scope of Work (SOW) for Light Rehabilitation of Farman Khail High School**

**Project Title:** Provision of Immediate Assistance to Vulnerable Populations in High-Need Areas of Afghanistan  
**Sub-Project Name:** Light Rehabilitation of Farman Khail High School  
**Project Location:** Laghman Province, Qarghai District, Farman Khail 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. **Ensure Proper Removal and Disposal of Old Materials**:  
   To facilitate the safe removal of old PCC from the roof and transport it to a designated area, ensuring the effective management of waste materials and preparing the roof for the next phase of construction.
2. **Execute PCC Concrete Work with Quality Standards**:  
   To perform precise PCC concrete work on the roof and in the toilets, ensuring the concrete has the correct thickness, strength, and curing process to meet the required specifications for durability and performance.
3. **Install Waterproofing Material Effectively**:  
   To apply high-quality 4 mm Iranian Isogam on the roof, ensuring the material is correctly installed with proper overlap and corner coverage for effective waterproofing.
4. **Replace Precast RCC Concrete Slabs with Precision**:  
   To fabricate and install new precast RCC concrete slabs in specified rooms, ensuring that the new slabs match the original design and are constructed with the required concrete strength and dimensions.
5. **Ensure Proper Glass Installation for Doors and Windows**:  
   To procure and install 4 mm glass for doors and windows, ensuring proper fitting with Chufti from national wood and securing the glass with all necessary accessories for functional and aesthetic quality.
6. **Reconstruct Wooden Doors as Per Original Design**:  
   Prepare and install wooden doors that replicate the original design, including the required carpentry work, painting, and other finishing tasks to restore the building’s appearance and functionality.
7. **Ensure High-Quality Window and Door Painting**:  
   Apply three coats of the best quality oil paint on windows and doors, including necessary repairs, to restore their appearance and protect them from weather-related damage.
8. **Install Kunar Wood Planks and Perform Carpentry Work**:  
   To install wooden planks made from Kunar wood for doors, carrying out all necessary carpentry work, painting, and repairs to ensure that the doors meet both aesthetic and functional standards.
9. **Repair and Restore Damaged Plastering**:  
   To repair damaged plaster using a 1:3 mix ratio of M200, ensuring that all plastering work is done with proper curing and adherence to technical specifications for surface durability.
10. **Complete Exterior Painting to Protect and Enhance the Building**:  
    To carry out exterior painting of the building with two coats of weather-resistant paint, including surface cleaning and all necessary preparations to provide long-lasting protection and improve the building’s appearance.
11. **Perform Interior Painting with High-Quality Materials**:  
    To apply two coats of 75% distemper paint on the building’s interior, ensuring high-quality finishing and approval by the engineer, while maintaining consistency and aesthetic appeal across all painted surfaces.

**3. Detailed Scope of Work**

This light rehabilitation project includes the following key activities:

#### **Activity 1: Removal of Old PCC from Roof (49 m3):**

* Dismantle and remove the existing plain cement concrete (PCC) from the roof.
* Transport debris to a suitable disposal site.
* Ensure safety and cleanliness during and after removal.

#### **Activity 2: PCC Concrete Works on Roofs and Bathrooms (23 m3):**

* Construct a 7 cm thick PCC layer (M200 grade) on the building and bathroom roofs.
* Perform curing to achieve structural strength.
* Ensure precise leveling and finishing of surfaces.
* In cold weather conditions, both physical and chemical precautions, as outlined in the Technical Specifications, must be strictly adhered to during the concrete pouring process.

#### **Activity 3: Installation of a waterproofing membrane (354 m2):**

* Install a 4 mm thick Iranian Isogam membrane on the roof (38–40 kg).
* Ensure proper overlap and corner sealing for water resistance.
* Conduct quality checks on installed membranes.

#### **Activity 4: Replacement of Precast RCC Slabs (45 No):**

* Fabricate and replace damaged precast RCC slabs in specific rooms.
* Use 250 Mark concrete for replacement, matching the previous design and dimensions.
* Provide all related works to ensure stability and durability.

#### **Activity 5: Glass Installation for Doors and Windows (28 m2):**

* Purchase and install 4 mm-thick glass for doors and windows.
* Use Chufti frames made from national wood with accessories.
* Securely fit and finish the glass installation.

#### **Activity 6: Wooden Door Preparation and Installation (2 No):**

* Fabricate and install two wooden doors (1x2.6 m).
* Match the design and shape of the existing doors.
* Paint the doors with quality materials and include all related works.

#### **Activity 7: Painting of Windows and Doors (290 m2):**

* Apply three coats of high-quality oil paint to windows and doors.
* Repair minor damages before painting.
* Ensure a smooth and uniform finish.

#### **Activity 8: Installation of Wooden Planks for Doors (6 m2):**

* Install wooden planks made of Kunar wood for doors.
* Perform carpentry, painting, and minor repairs as required.

#### **Activity 9: Plaster Repair (100 m2):**

* Repair damaged plaster areas using a 1:3 cement-to-sand ratio (M200).
* Perform curing and finish surfaces for painting readiness.

#### **Activity 10: Exterior Painting (710 m2):**

* Clean building exteriors to prepare for painting.
* Apply two coats of weather-resistant paint.
* Ensure uniform coverage and durability against environmental elements.

#### **Activity 11: Interior Painting (1250 m2):**

* Clean building interiors and prepare surfaces.
* Apply two coats of 75% distemper paint for walls and ceilings (roofs).
* Use high-quality paint and obtain engineer approval upon completion.

**4. Deliverables**

* **Removal of the old PCC from the roof and transfer to a suitable place:**  
  Remove the existing Plain Cement Concrete (PCC) from the roof and safely transport the material to a designated disposal or storage site, ensuring no damage to surrounding areas.
* **PCC concrete work on the roof and bathrooms (7 cm, M200 concrete):**  
  Provide and install a 7 cm thick layer of M200 grade PCC concrete on the roof and toilets, ensuring proper leveling, curing, and meeting strength requirements.
* **Installation of 4 mm Iranian Isogam on the roof (38-40 kg weight):**  
  Install a 4 mm thick Iranian Isogam waterproofing membrane on the roof, ensuring proper overlap, corner coverage, and secure adhesion to prevent water leakage.
* **Fabrication and replacement of precast RCC slabs (250 Mark concrete):**  
  Fabricate and install 45 new precast RCC slabs using 250 Mark concrete to replace damaged slabs in specified rooms, ensuring proper alignment, fit, and structural integrity.
* **Purchase and installation of 4 mm glass for doors and windows with Chufti frame:**  
  Procure and install 4 mm thick glass panels for doors and windows, fitting them into Chufti frames made from national wood, ensuring proper sealing and secure installation.
* **Preparation and installation of wooden doors (1x2.6 m):**  
  Manufacture and install 2 wooden doors (1x2.6 m), replicate the original design, and apply appropriate painting and finishing work.
* **3-coat painting of windows and doors:**  
  Prepare, repair, and apply three coats of high-quality oil-based paint to all windows and doors in both buildings, ensuring smooth coverage and a durable finish.
* **Installation of Kunar wood planks on doors:**  
  Install Kunar wood planks on doors, conduct necessary carpentry work, and finish with paint to ensure a high-quality, durable installation.
* **Repair of damaged plaster (1:3 M200 mix):**  
  Repair damaged plaster surfaces with a 1:3 cement-to-sand ratio mix using M200 grade plaster, ensuring a smooth surface finish and proper curing.
* **Exterior painting of the building (100% weather-shed, 2 coats):**  
  Clean, prepare, and apply two coats of weather-shed paint to the exterior surfaces of the building, ensuring full coverage and protection against weather conditions.
* **Interior painting of the building (75% distemper, 2 coats):**  
  Clean, prepare, and apply two coats of 75% distemper paint to interior surfaces, ensuring even coverage and a professional finish, subject to engineer approval.

**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 the timely submission of all required documentation and approvals.
* **Labor:** The Unskilled labor should use from the site, with age consideration. Should make sure not to use under 18 as labor in the project.
* **Reporting:** The contractor is obliged to submit weekly progress report, monthly progress report and quality control reports to the YVO.
* **Site visit:** The companies are requested to visit from the site prior giving the prices.

**7. Payment Terms**

Payment will be made based on the 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.