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

**Project Title:** Provision of Immediate Assistance to Vulnerable Populations in High-Need Areas of Afghanistan  
**Sub-Project Name:** Light Rehabilitation of Silingar High School  
**Project Location:** Laghman Province, Alingar District, Silingar 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 one school in Alingar District, including Silingar High School, based on findings from a technical survey. The goal is to address structural issues like roof repairs, and exterior painting to create a safe, conducive learning environment. Specific objectives include:

1. Remove Isogam from the roof and transport it to a suitable place, along with all related tasks.
2. 4mm Iranian Isogam on the roof, weight (38-40) kg, along with all related tasks, overlapping and covering the corners.
3. Exterior painting of the building, 100% Weather shed, 2 coats with cleaning, along with all related tasks.
4. Two coats of Oil painting of the building doors, windows, and vents, along with all related tasks.
5. Two coats of paint on the blackboard, along with all related tasks.
6. Preparing and placing the hall door of the building, along with all related tasks. Size of the door (2.5\*2) m.
7. Purchasing and installation of the doors and windows locks, along with all related tasks.
8. Purchasing and installation of the doors and windows lockset, along with all related tasks.
9. Carpentry of the doors and windows, along with all related tasks.
10. Purchasing and installation of doors and window glasses, along with all related tasks. Size of the glasses (4mm).
11. Purchasing and installation of the doors and windows frame according to the previous frame of the doors and windows.
12. Purchasing and installation of the door latch locks with high quality, along with all related tasks.
13. Preparing and installation of building gutters with 18 gauge (iron sheet).
14. Plastering of the building edges with 200-grade mortar, along with all related tasks.
15. Masonry work for the elevation and repair of the bathroom using first-class bricks with cement mortar, including all related tasks.
16. Internal and external plastering for bathrooms using 200-grade mortar.
17. Preparation and placement of 200-grade (PCC) concrete for surface patching (overlay repair, sealing cracks) flooring in the building and bathrooms, including all related tasks.
18. Preparation and installation of metal doors of the bathrooms, 20 gage metal sheet, using 2inch angle iron for the door frame, and the size of the door is (1.8\*0.7) meters.
19. Welding work for bathrooms’ doors, along with the installation of locks, and other related tasks.
20. Two coats of oil painting for the bathrooms’ doors, along with all related tasks.
21. Preparation and installation of new iron sheet doors for bathroom with 18 gauge and using 1.5-inch angle iron for the door frame, with a size of (1.8\*1) m, along with all related tasks.
22. Procurement and installation of b=7cm H=14cm T=4mm sized metal girders for the bathrooms' roof (ceiling), with anti-rust treatment and other related tasks.
23. Preparation and installation of wooden plates for bathrooms’ roofs 3 cm sized, along with all related tasks.
24. Preparation and installation of the iron gutter with 1 m sized, 18 gage, along with all related tasks.
25. Removing the damaged iron sheets of the bathrooms, and transporting them to a suitable site.
26. Two coats of exterior 100% weather shed painting of the bathrooms, along with all related tasks.
27. Two coats of internal 75% painting of the bathrooms, along with all related tasks.
28. Purchasing and installation of plastic on the roof, including all related tasks.
29. Preparation and installation of 200-grade concrete with a thickness of 7 cm on the roof (ceiling) of the bathrooms, along with all related tasks.
30. Preparation and installation of 4mm Isogam with (38-40) kg, with all related tasks.
31. Two coats of internal 75% painting of office rooms, including all related tasks.
32. Purchasing and installation of 3-inch pipes for the bathroom’s ventilation (vent).

**3. Detailed Scope of Work**

This light rehabilitation project includes the following key activities:

**Activity 1: Removal of Existing Isogam from the Roof (540 m2)**

* Ensure all Isogam removal is done without damaging the underlying roof structure.
* Use appropriate lifting and handling equipment to avoid injury.
* Make sure that all removed Isogam is disposed of in an environmentally responsible manner, following local disposal guidelines.

**Activity 2: Installation of 4mm Iranian Isogam on the Roof (540 m²)**

* Verify that the roof surface is clean, dry, and free from contaminants before applying Ezogam.
* Apply the sheets in a staggered pattern for better waterproofing.
* Ensure that overlaps are sealed tightly to avoid leakage.

**Activity 3: Outside Painting of the Building, 100% Weather-shed 2 Coats (410 m²)**

* Inspect all surfaces before painting for cracks, holes, or surface imperfections. Repair as necessary.
* Choose high-quality weather-resistant paint for longevity.
* Ensure the paint is applied evenly, with proper drying times between coats.

**Activity 4: Oil Painting of Doors, Windows, and Vents (170 m²)**

* For maximum durability, apply two coats of oil-based paint, allowing adequate drying time between each coat.
* Sand the surfaces before painting to ensure smooth adhesion of the paint.
* Use a brush or roller that is suitable for the texture and size of the surfaces.

**Activity 5: Oil Painting of the Blackboard (21 m²)**

* Use a chalkboard-safe paint designed specifically for blackboards, ensuring proper functionality for writing.
* Allow sufficient drying time before using the board after painting.

**Activity 6: Installation of the Hall Door from Local Wood (1 No)**

* Ensure that the wood is treated to prevent pest damage and moisture infiltration.
* Install the door with high-quality hinges and locking mechanisms for security and durability.

**Activity 7: Installation of Small Locks for Windows and Doors (15 Nos)**

* Ensure the locks are appropriate for the type and size of the windows/doors.
* Double-check that locks operate smoothly after installation.

**Activity 8: Installation of Handles for Windows and Doors (7 Nos)**

* Ensure handles are securely installed and aligned for ease of use.
* Test the functionality of each handle after installation.

**Activity 9: Carpentry Work of Windows and Doors (5 Nos)**

* Use high-quality wood for carpentry work, ensuring strength and durability.
* Ensure that all measurements are accurate for a perfect fit within the frames.

**Activity 10: Purchasing and Installation of 4mm Glass for Doors and Windows (10 m²)**

* Use tempered glass for safety and durability.
* Seal the glass securely to prevent water or air leakage.
* Inspect glass for cracks before installation.

**Activity 11: Purchasing and Installation of Doors and Windows from Local Wood (16 Nos)**

* Select high-quality, well-dried wood to prevent warping.
* Install the windows and doors to be flush with the wall and ensure proper sealing.

**Activity 12: Purchasing and Installation of Latch Locks (8 Nos)**

* Ensure the latch locks are of durable material such as stainless steel.
* Install the locks securely and ensure they function properly.

**Activity 13: Purchasing and Installation of Iran Sheet Gutter, 18 Gauge (15 m)**

* Check the gutters for defects before installation.
* Ensure the gutters are sloped correctly for proper water drainage.

**Activity 14: Plastering of Building Edges with 200 Mark Ratio (20 m²)**

* Use mortar with the correct mix ratio to ensure strength and durability.
* Apply the plaster smoothly, ensuring the edges are neatly finished.

**Activity 15: Repairing of Bathroom with Brick Masonry of First-Class Bricks with Mortar (6 m³)**

* Use high-quality first-class bricks to ensure structural integrity.
* Allow the mortar to cure properly before applying any weight to the masonry.

**Activity 16: Outside and Inside Plastering Work of the Bathroom with 200 Mark Ratio Mortar (90 m²)**

* Apply plaster evenly to ensure a uniform finish.
* Allow proper curing time to avoid cracks or defects.

**Activity 17: Repairing Plaster Work and Floor PCC Work of Building and Bathroom with 200 Mark Ratio Mortar (3 m³)**

* Use the correct mix of PCC for durability.
* Ensure the floor is level before casting the PCC concrete.

**Activity 18: Installation of Bathroom Doors from Iron Sheet 20 Gauge and 2-inch Frame Angle Iron (2 Nos)**

* Ensure that doors are properly aligned within the frame.
* Secure the doors with heavy-duty locks to ensure privacy and security.

**Activity 19: Welding Works and Installation of Latches on Bathroom Doors (6 Nos)**

* Use appropriate welding techniques to ensure a strong bond and durability.
* Test the latches after installation for proper operation.

**Activity 20: Oil Painting of the Bathroom Doors (16 m²)**

* Clean and prepare the surface of the doors before painting to ensure proper adhesion.
* Apply two coats of oil-based paint to provide a long-lasting finish.

**Activity 21: Preparation and Installation of New Iron Sheet Doors for Bathroom (1 No)**

* Use rust-resistant iron sheets for the door.
* Install the door securely, ensuring the frame is properly anchored.

**Activity 22: Purchasing and Installation of Iron Beam for Bathroom Roof (31 m)**

* Check that the beams are of the specified size and material.
* Ensure the beams are installed level and securely anchored.

**Activity 23: Preparation of Wooden Planks for Bathroom Roof (55 m²)**

* Use well-dried wood to prevent warping and cracking.
* Ensure the planks are treated to be resistant to moisture and pests.

**Activity 24: Preparation and Installation of Iron Gutter (4 Nos)**

* Use the correct gauge of iron to prevent rust and corrosion.
* Ensure the gutter system is properly connected to downpipes for efficient drainage.

**Activity 25: Removal of Damaged Iron Sheets from the Bathroom and Transport to a Suitable Area (1 Lump Sum)**

* Handle damaged materials carefully to avoid injury or further damage to the structure.
* Transport the materials to a designated disposal area following local regulations.

**Activity 26: Exterior 100% Weather-shed Painting of the Bathroom (150 m²)**

* Ensure the surfaces are clean and dry before painting.
* Use a high-quality exterior paint to protect against weather conditions.
* Apply paint in even coats to ensure complete coverage.

**Activity 27: Interior 75% Weather-shed Painting of the Bathroom (210 m²)**

* Use a moisture-resistant paint for the interior, especially in high-humidity areas like bathrooms.
* Apply the first coat, allowing adequate drying time before applying the second coat.

**Activity 28: Purchasing and Installation of Plastic Sheets on the Roof (55 m²)**

* Ensure the plastic sheets are UV-resistant to prevent deterioration.
* Install the sheets tightly to prevent wind or rain from getting underneath.

**Activity 29: PCC Concrete Casting with 200 Mark Ratio on Roof of Bathrooms (4 m³)**

* Ensure the roof surface is clean and free from debris before applying concrete.
* Use a 200-mark ratio mix for optimal strength and durability.
* Smooth and level the surface before the concrete cures.

**Activity 30: Purchasing and Installation of 4mm Isogam (60 m²)**

* Ensure the Isogam sheets are of the specified thickness and weight.
* Install the sheets ensuring proper overlap and sealing at seams to prevent leaks.

**Activity 31: Internal Painting of Principal Rooms (300 m²)**

* Ensure that all surfaces are properly prepared before painting.
* Use high-quality interior paint for durability and smooth coverage.

**Activity 32: Purchasing and Installation of 3-inch Pipe for Bathroom Ventilation (18 m)**

* Use high-quality, corrosion-resistant pipe for the ventilation system.
* Install the pipes with proper fittings and joints to avoid leaks.

**4. Deliverables**

1. **Roof Demolition and Removal**: Complete removal of 540 m² of existing Isogam material, with disposal to a certified facility and preparation of the roof surface for new installation.

* **Roof Waterproofing Installation:** Installation of 4 mm Iranian Isogam over 540 m² of roof surface with complete coverage, proper overlap, and sealing for waterproofing.
* **Exterior Building Painting:** Application of two coats of weather-resistant paint to 410 m² of the building's exterior, ensuring even coverage and long-lasting finish.

1. **Doors, Windows, and Vents Painting**: Two coats of oil-based paint on 170 m² of doors, windows, and vents, including surface cleaning and preparation for durability and aesthetics.
2. **Blackboard Painting:** Repainting of 21 m² of blackboard surface with two coats of paint, ensuring smooth writing and erasing capabilities.
3. **Hall Door Installation:** Installation of a hall door (2.5m x 2m) with secure frame, hinges, and locking mechanisms.
4. **Door and Window Locks Installation:** Installation of high-quality locks on 15 doors and windows for improved security.
5. **Door and Window Lockset Installation:** Procurement and installation of 7 locksets, ensuring secure and functional locking for all doors and windows.
6. **Carpentry Work for Doors and Windows:** Completion of all carpentry adjustments and fittings for 5 doors and windows to ensure smooth operation.
7. **Glass Installation for Doors and Windows:** Installation of 10 m² of 4 mm glass for doors and windows, providing secure, well-sealed, and aligned fittings.
8. **Door and Window Frame Installation**: Installation of 16 meters of door and window frames, ensuring stability, alignment, and quality finish.
9. **Door Latch Lock Installation:** Installation of 8 high-quality door latch locks for secure access control.
10. **Gutter Installation:** Installation of 15 meters of 18-gauge iron sheet gutters for effective water drainage around the building.
11. **Plastering of Building Edges:** Application of plaster to 20 m² of building edges, ensuring a smooth, even, and durable finish.
12. **Masonry Work for Bathroom Elevation and Repair**: Masonry repairs and elevation for 6 m³ of bathroom structures using quality bricks and mortar for structural integrity.
13. **Internal and External Plastering of Bathrooms**: Plastering of 90 m² of bathroom walls with 200-grade mortar, achieving smooth and durable surfaces inside and outside.
14. **Concrete Surface Repair (PCC) for Flooring**: Repair of 3 m³ of flooring with 200-grade PCC concrete for patching, overlay repair, and crack sealing.
15. **Metal Door Installation for Bathrooms**: Installation of two 20-gauge metal bathroom doors, complete with welded 2-inch angle iron frames for durability.
16. **Welding and Lock Installation for Bathroom Doors**: Completion of welding work and lock installation on six bathroom doors for secure functionality.
17. **Oil Painting for Bathroom Doors**: Application of two coats of oil paint on 16 m² of bathroom doors for protection and aesthetic appeal.
18. **Installation of New Bathroom Iron Sheet Doors**: Installation of one 18-gauge iron sheet bathroom door with a sturdy 1.5-inch angle iron frame for security and longevity.
19. **Installation of Metal Girders for Bathroom Roof**: Installation of 31 meters of metal girders, treated with anti-rust coating, for bathroom roof support.
20. **Wooden Plate Installation for Bathroom Roof**: Installation of 55 m² of 3 cm thick wooden plates on the bathroom roof, ensuring secure placement.
21. **Installation of Iron Gutter**: Installation of four 18-gauge iron gutters, each 1 meter in length, for effective water drainage.
22. **Removal of Damaged Iron Sheets from Bathrooms**: Safe removal and disposal of damaged iron sheets from the bathrooms.
23. **Exterior Painting of Bathrooms**: Application of two coats of weather-shed paint to 150 m² of the bathroom exteriors for durability and protection.
24. **Interior Painting of Bathrooms**: Application of two coats of interior paint on 210 m² of bathroom walls and ceilings for a fresh, clean appearance.
25. **Plastic Installation on Roof**: Installation of 55 m² of protective plastic material on the roof.
26. **Concrete Installation for Bathroom Roof**: Installation of 4 m³ of 200-grade concrete, 7 cm thick, for a solid bathroom roof foundation.
27. **Installation of 4 mm Isogam on Roof**: Installation of 4 mm Isogam (38-40 kg) over 60 m² of roof surface with complete sealing.
28. **Interior Painting for Office Rooms**: Application of two coats of interior paint on 300 m² of office room walls and ceilings.
29. **Installation of Ventilation Pipes for Bathrooms**: Installation of 18 meters of 3-inch ventilation pipes for improved airflow in the bathrooms.

**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.