

SCOPE OF WORK
FOR
Main Hangar Roof Repair Works

15th October 2022

FACILITIES AND MAINTENANCE

1.0 BACKGROUND AND PURPOSE

1.1 Island Aviation Services Ltd. has a requirement of repairing Main Hangar roof.

2.0 GENERAL REQUIREMENTS

2.1 Facilities and Maintenance Department will be responsible for providing requirements and necessary arrangement from IASL for refurbishment of the facility.

2.2 The Contractor shall provide personnel, material, equipment, and supervision to complete the technical requirements in this scope of work. The contractor shall be responsible for hiring labor, equipment vendors and shall follow security and safety directives.

2.3 The Contractor shall not to be admitted to areas of the property beyond the areas designated for the project except with permission. The Contractor shall address the impact of the consequent disruption caused by the proposed work.

2.4 Material Requirement

- a) All wall sheeting to be replaced by LYSAGHT® or equivalent.
- b) Must be used only galvanized screws or bolts.

3.0 SCOPE OF WORKS

3.1 Site preparations and Completion.

- 3.1.1 Supply, set-up, maintain and remove scaffolding, man-lift platforms and/or swing-stages during performance of Work as required to access work areas.
- 3.1.2 Cleaning of work site daily.

3.2 Logistics

- 3.2.1 All materials shall be delivered to the site by the contractor.
- 3.2.2 Waste management and disposal shall be done by the contractor.

3.3 Repair Works

- 3.3.1 Inspect all leaking areas and damaged areas of roof to perform repair as needed.
- 3.3.2 Scour off rusted areas and paint.
- 3.3.3 Cut the sheets at least 2 inches past the repair area.
- 3.3.4 Apply metal patch or matching roofing sheet to the area that needs repair.
- 3.3.5 Fully secure the patch with color-matched urethane sealant so that there are no gaps or voids around the patch.
- 3.3.6 Application of protective paint on the areas of repair to match the roofing sheets.

3.4 Repair flashings

- 3.4.1 Inspect all leaking areas and damaged areas of flashings to perform repair as needed.
- 3.4.2 Scour off rusted flashings and replace if required.
- 3.4.3 Seal all loose sections and reapplication of sealant on all worn areas.

3.5 Repair side walls

- 3.5.1 Identify and repair/replace side wall metal sheets.

3.6 Repair fasteners and other areas

- 3.6.1 Seal all fastener with tar tape.
- 3.6.2 Seal all exposed holes on the roof.