



## **West Head Search and Rescue Station – Metal Roof Upgrade**

### **Project Summary**

The West Head Search and Rescue Station (SAR) was constructed in 2004 and is located in Clark's Harbour Nova Scotia. The 2 buildings involved in this project are the main SAR station building and the Fast Rescue Craft (FRC) building. Both of these buildings currently have asphalt shingled roofs.

The successful contractor will provide all necessary materials and labour to remove the existing shingles and install standing seam metal roof systems on each building.

### **Scope of work**

The SAR station roof has an approximate area of 223 M<sup>2</sup> and the FRC building an area of 120 M<sup>2</sup>. See the attached drawings for additional details of the roof configuration. The successful contractor will provide all materials and labour to replace the current shingled roof with a standing seam metal sheet roof system, restoring the roof substrate and venting components, and any existing fixtures as required

The successful contractor will be responsible to complete all of the following work according to industry standards, and following all manufacturers specifications for preparation and installation of the roof replacement to provide a durable watertight roof system.

- Provide product details and material specifications to project manager for review prior to ordering (metal roofing sheets, flashing, waterproof membrane etc).
- Metal roofing product must be from a reputable supplier with a minimum 30 year material warranty.
- Remove and properly dispose of existing asphalt shingles and underlay material.
- Clean off roof and prepare substrate for new membrane and metal roof installation.
- If any of the existing substrate is damaged, replace with appropriate materials (contact project manager to provide quote for this additional work as required.)
- Supply and Install new metal roof edge if needed (If damaged, or not compatible with new roof).
- Clean gutters and remove rust from any metal surfaces.



- Apply high quality self-adhering roofing membrane suitable for use with metal roofs as an underlay over the entire roof. (i.e. Blueskin® Roof High Temperature Underlayment PE 200 HT, Soprema LASTOBOND SHIELD HT, or equivalent product)
- Supply and install prefinished metal, standing seam, hidden fastener roofing system. The system will be subject to approval from the project engineer. (As an example, Vicwest Elite 29 gauge, was selected as an acceptable option for a recent similar project)
- Roof colour choice (bright red or “coast guard red”) to be approved by project manager.
- Install roof vents or ridge vent as needed to maintain equal venting of current asphalt shingle roof.
- All edges seams and openings to be properly flashed and sealed where required to prevent leaking in harsh weather conditions.
- Contractor must provide a minimum of 3 year warranty on workmanship against leaks or any other problems caused by the quality of the installation workmanship (separate warranty from longer material warranties)
- Contractor must conduct a thorough cleanup of grounds around buildings to ensure all waste and debris has been removed.

### **Attachments**

FP802-160092 - Plans 1 Main Building Roof Areas.pdf

FP802-160092 - Plans 2 Westhead SAR Station.pdf