

BID SPECIFICATION FORM

STANDING SEAM SHEET METAL ROOFING

PART 1: GENERAL

1.01 DESCRIPTION OF WORK

A. Standing seam metal roofing, Alpine snow guards, high temperature Grace Ultra Vycor self-adhering roof underlayment and factory finished metal fascia.

1.02 CODES, REGULATIONS AND STANDARDS

A. **Contractor Responsibility:** The Contractor shall assume full responsibility and liability for compliance with all applicable Federal, State and local codes, regulations and standards pertaining to work practices, hauling, disposal, protection of workers and visitors to the site, and persons occupying areas adjacent to the site. This includes modification of procedures to comply with changes to codes, regulations and standards which occur during the work of this contract. The Contractor shall hold the Owner and Owner's Representatives harmless for failure to comply with any applicable work, hauling, disposal, safety, health or other regulations on the part of himself, his employees or his subcontractors.

1.03 QUALITY ASSURANCE

A. Roofing and flashing workmanship to comply with industry standards. The National Roofing Contractors Association's (NRCA) *ROOFING AND WATERPROOFING MANUAL* along with *ARCHITECTURAL SHEET METAL MANUAL* as published by Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA) will be used to establish industry standards.

1.04 SUBMITTALS

A. Shop drawings of each flashing condition such as eave, valley, rake, curb, vent, dormer, wall termination and fascia. Show securement of panels and clips and spacing, type and number of fasteners as recommended by manufacturer.

B. Snow guard type, style, layout and attachment.

1.05 PRODUCT DELIVERY, STORAGE AND HANDLING

A. Deliver materials in their original, unopened containers, clearly labeled with manufacturer's name. All materials are to be covered and secured until use. Do not use materials damaged in handling or storage. Replace damaged material with new material.

1.06 WARRANTY

A. The roofing contractor shall furnish the Owner with his personal five (5) year watertight warranty for the standing seam metal roof.

PART 2: PRODUCTS

2.01 METAL ROOFING, FLASHING AND TRIM

A. Standing seam panels to be fabricated in lengths not to exceed 45'. Standing seam metal roofing and siding to be formed from 24" wide coils of 24-gauge factory painted Kynar 500 Galvalume coated steel. Color to be selected by Owner from the manufacturer's standard colors. Caulk the first 24 feet of seams using Vulkem 116 by Mameco or approved equal.

2.02 UNDERLAYMENT

A. Underlayment to be Grace Ultra Vycor by W.R. Grace Co., Blueskin PE200 HT by Henry or approved equal.

2.03 FASTENERS

A. Use annular-ring hot dipped galvanized nails by the W.H. Maze Co. on the metal flashings and expansion clips.

2.04 SNOW GUARDS

A. Snow guards to be the two pipe #4000 system by Alpine (a division of Vermont Slate & Copper Services, Inc.). Alpine shall design the snow guard system. Snow guards and pipes to be mill finish aluminum.

PART 3: EXECUTION-PREPARATION OF SURFACES

A. Completely remove existing shingle roofing. **Debris must be weighed or square footage tallied to utilize free disposal at the Belfast Transfer Station.**

B. Surfaces on which the roofing system is to be applied shall be clean, smooth, dry, free of fins, rot, sharp edges, loose and foreign materials, oil and grease.

3.02 UNDERLAYMENT

A. Cover the entire roof with Grace Ultra Vycor by W.R. Grace Co., Blueskin PE200 HT by Henry or approved equal. Remove siding on dormers as required to install new Ice and Water Shield up a minimum of 4" on the dormer walls. Reinstall dormer siding.

3.03 METAL ROOFING AND FLASHING

A. Standing seam panels to be fabricated in lengths not to exceed 45'. Seams to be double locked, 1-1/2" high and secured to the deck with cleats made of 24-gauge Galvalume coated steel. Install clips at 12" on center and secure with two annular ring nails per clip. Caulk the first twenty-four feet of seams.

B. Fabricate edge strips and other metal flashings using the same metal used to fabricate the standing seam panels. Bottom edge of edge strips to be secured with continuous cleats. Nail top flange with annular-ring nails, three inches (3") on center.

C. Flash the plumbing vents using a heavy gauge metal sleeve; brace back to standing seams to resist damage due to sliding snow.

3.04 SNOW GUARDS

A. Install two pipe snow guards in strict accordance with the manufacturers printed instructions.

3.05 TEMPORARY WATER CUT-OFF

A. Temporary water cut-offs are to be constructed at the end of each working day to protect the insulation, roofing, building and building interior from damage due to wind, snow and rain.

B. Temporary water cut-offs are to be detailed by the contractor and approved by the manufacturer and Owner.

3.06 CLEAN UP

A. Site clean up shall be complete and to the satisfaction of the Owner.

B. All roofs, building, landscape and parking areas shall be cleaned of all trash, debris and dirt caused by or associated with this work.

C. Any areas stained, dirtied, discolored or otherwise damaged due to this work shall be cleaned, restored and replaced as required.

D. All debris shall be removed from the premises promptly and the construction area left clean daily.

3.07 INSPECTION AND TESTING

THE OWNER RESERVES THE RIGHT TO INSPECT AND TEST ALL CONSTRUCTION OPERATIONS AND MATERIALS.

A. Any defect or noncompliance discovered by inspection shall be reported to the contractor who shall promptly remove any defective material from the site.

B. The Owner reserves the right to inspect the work or parts of it as he chooses. His failure to inspect the work in progress shall not relieve the contractor of the responsibility for properly executing the contracted work, nor shall it impair the Owner's right to reject deficiencies he may subsequently discover.

PART 4: JOB CONDITIONS

A. Roofing to be applied in dry weather.

B. Completed roof areas shall not be trafficked.

C. This project is subject to compliance with all requirements of the (OSHA). All work on this project must meet the requirements of all applicable state and local codes, laws and ordinances.

City of Belfast
Roof Replacement - Belfast Boat House
Amended-BID SUBMITTAL SHEET

PRICE:

Option A: Standing Seam Sheet Metal Roofing \$ _____

Option B: ASPHALT SHINGLES \$ _____

ALL BIDS MUST BE SUBMITTED IN A **SEALED ENVELOPE CLEARLY MARKED "BOAT HOUSE ROOF"** TO THE CITY CLERK'S OFFICE, BY **10 A.M, ON FRIDAY, OCTOBER 2, 2009** WHERE IMMEDIATELY FOLLOWING THE BIDS WILL BE OPENED IN THE COUNCIL CHAMBERS.

- All bids must be preceded by a site visit.
- All bidders **must comply** with the City's insurance requirements, form attached.
- Awarded bidder must complete project no later than Thursday, December 10, 2009.
- The City of Belfast reserves the right to reject any and/or all bids.
- Awarded bidder **must supply four (4) similarly related project references.**

Contact information:

Name of Company: _____

Attention person: _____

Address: _____

City/Town: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____

**City of Belfast
Contractor/Sub-Contractor
Insurance Requirements**

The following guidelines are to be adhered to by all departments and/or employees that contract with a third party for delivery of services to the City of Belfast.

I. Contractors/Sub-Contractor Responsibilities:

The Contractor/Sub-Contractor (_____) hereby agrees to indemnify and hold harmless the City of Belfast, its employees, agents and community members, from any and all liability arising out of the Contractor or Sub-Contractors work. The Contractor/Sub-Contractor agree to name the City of Belfast as an additional insured on their general liability policy and to provide a certificate of insurance to the City to that effect prior to the commencement of any work.

II. Contractor/Sub-Contractor Insurance Requirements:

The Contractor/Sub-Contractor will provide the City with a certificate of insurance for the following minimum limits (annually thereafter on the policy renewal) for the duration of their contract.

- 1) Commercial General Liability Combined Single limit:
 - Each occurrence limit: \$1,000,000.00
 - Product Completed Operations limit: \$1,000,000.00
 - Personal /Advertising Injury limit: \$1,000,000.00
 - Aggregate limit: \$2,000,000.00

- 2) Auto Liability Combined Single limit: \$1,000,000.00

- 3) Workers Compensation Employers Liability*: Statutory limits

All policies must be written with a carrier with a financial rating of A- or better.

Sub-Contractor must comply with any and all State and Federal regulatory requirements relevant to "The Work or Project" being performed, including but not limited to OSHA, EPA, _____, _____, _____.

The indemnification and insurance requirements apply to any additional sub-contractors utilized in the execution of this contract.

Contractor/Sub-Contractor is solely responsible for loss or damage to its own tools, equipment, materials, etc.

****Workers Compensation is not required for sole proprietors and/or partnerships with NO EMPLOYEES.**