

Attachment A
Replace Siding and Roofing Material on Husky Salt Storage
Berks County, Temple Stockpile # 0510100
Building # 0510104
Project # A251-972 – SC # 11865096

I. Work Included

- A. The following items are site specific requirements of the project.
Contractor to repair, replace and install the necessary materials to complete the work identified.
- B. Replace Salt Storage Building Siding and Roofing Material

II. Summary

- A. Provide as specified herein and as needed for a complete and proper installation.
- B. Contractor to provide a minimum of 5 days notice prior to starting any physical construction.
- C. Remove and re-attach all electrical connections in conflict with work.
- D. Remove and remount all interior and exterior signage in conflict with repair work.
- E. Remove, replace and seal all soffit, gutters and downspouts. Replace or repair any components that are damaged or missing to restore the functional system.
- F. Install Vinyl Siding System on building exterior side and rear walls.
- G. Remove existing roofing material and replace with painted steel.
- H. Install three (3) rows of snow guards in accordance to manufacturers' recommendation for coverage and installation.
- I. Contractor is to ensure building is water tight upon completion of work.
- J. Remove debris and maintain a clean work area at all times.

III. Storage

- A. Storage materials in a dry, weather-protected area, clear of the ground.

IV. Quality Assurance

- A. Vinyl siding products shall meet or exceed ASTM Standards for code approval.

V. Vinyl Siding Material

- A. Be tan in color.
- B. Provide elongated nailing slots 1" long in the nail hem of panel to permit expansion and contraction on the wall. The nail hem and the bottom lock of all panels shall be notched on both ends to provide for proper overlapping of adjacent panels. Provide a notch at the center butt of the profile-extruded panels for positive engagement.
- C. 3. Finish-Vinyl siding shall be produced from PVC compound containing quality color pigments to provide color throughout thickness of siding.
- D. 4. All accessories used shall be produced from the same quality compound as used for siding.
- E. 5. Siding to be standard 4" horizontal, double lap face style.

VI. Roof Metal Installation

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- A. Painted metal, dark brown in color.
- B. Kynar 500 coating
- C. 26 gauge minimum thickness
- D. Roofing system to include minimum 3ft ice and water membrane, measured from the eaves and 30lb felt over entire roof surface.

VII. Sheet Material Flashing and Trim

- A. Fascia: Performed aluminum; 3005 alloy, H19 temper; minimum 0.024 inch thick; shop pre-coated with baked-on enamel or acrylic factor finish of color to match gutters.
- B. Flashing; Aluminum: 3005 alloy H25 temper; shop pre-coated with baked-on enamel or acrylic factor finish of color to match gutters.
- C. Drip Edge: F951 performed aluminum H19 temper; minimum 0.024 inch thick; shop pre-coated with baked-on enamel or acrylic factor finish of color to match gutters.
- D. Soffit: Performed aluminum; 3005 alloy, H19 temper; minimum 0.019 inch thick; suitable for ventilating building; shop pre-coated with baked-on enamel or acrylic factor finish of color to match gutters.
- E. Ridge Vent: Low profile shingle over UV stabilized polypropylene: minimum of 12 square inches of bet free ventilating area per lineal foot; baffled to eliminate infiltration of rain or snow regardless of wind direction or speed.

VIII. Gutters and Downspouts

- A. Gutters and downspouts and all accessories shall be as manufactured by Alcoa Building Products, Pittsburg,, PA or approved equal.
- B. Material: Aluminum Sheet: Preformed aluminum; 3005 alloy, H27 temper; minimum .032 inch gauge for gutters and 0.27 inch gauge for downspouts, shop pre-coated.
- C. Gutters: Free-Floating gutter system as manufactured by Alcos Building Products: 5 inch "K" design.
- D. Downspouts: 3" X 4" rectangular sized to match existing

IX. Accessories

- A. Screws: Corrosion resistance, aluminum type, non-staining, prefinished to match siding finish.

X. Installation

- A. Before starting work, verify dimensions at building; examine, clean, repair, if necessary any adjoining work on which this work is in any way dependent for its proper installation.
- B. Install siding in accordance with manufacture's instruction.
- C. Provide bracing on wall and roof, as required for proper siding installation.
- D. Snow guards to be installed using silicone caulk in addition to a minimum of one screw.
- E. Upon completion, Contractor shall clean all siding work, wipe down siding to remove

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fingerprints and soiled areas.

- F. Seal end and side laps with flexible non-hardening UV stabilized butyl caulk.

XI. Submittals and Final Deliverable Items.

- A. The Department will provide the awarded contractor a complete breakdown of the required submittals based off of the "System" identified, I.E. "Vinyl Siding System"
- B. Contractor to provide three (3) copies of the entire project documentation in three (3) ring Binders.
- C. Binders to include the following items:
 - 1. Bid Documents & Specifications
 - 2. All project meeting minutes (pre-bid, pre-Job, Interim, and Final inspection)
 - 3. Email Correspondence
 - 4. Submittals
 - 5. L&I approved Engineered Drawings (Paper/CD)
 - 6. L&I Building Permits, Inspection Logs, Occupancy Permit, Other correspondence)
 - 7. Certifications
 - 8. Certified Payrolls (Prevailing Wage rates)
 - 9. Waste receipts
 - 10. Photos before, during and after
 - 1) A sufficient amount of Photos is required for all phases of construction on all buildings.
 - 2) Building Final-Exterior all four sides
 - 11. Operation and Maintenance manuals
 - 12. Contractors Warranty
 - 13. Manufactures Warranty

XII. SUBMITTAL PROCEDURE

- A. Submit Two (2) copies of all items shown on submittal schedule except for "samples"
- B. Identify project number, project name and location, and contractor's name and address on all submittals.
- C. Provide space for review stamps of Contractor and Department. Put contractor stamp of approval on each item submitted.
- D. Revise and resubmit submittals as required, identify all changes made since previous submittal.

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- E. No work shall be performed until all submittals are approved by the Department. Work performed prior to submittal approval is performed at the Contractor's risk and may be subject to repair, replacement or other corrective measures as deemed necessary by the Department with no additional contract time or money.
- F. Review of shop drawings will be general and for the limited purpose of checking for general conformance with the design; and shall not relieve the Contractor from the responsibility for proper fitting and construction of the work, nor from furnishing materials and work required by the Contract which may not be indicated on the shop drawings when reviewed.
- G. The submittals required by this contract are subject to reproduction for the Department's internal use only. By signature on this bid proposal, both the Contractor and the equipment manufacturer authorize the Department to reproduce any materials including printed literature and training aids, submitted in fulfillment of this contract.

XIII. MANUFACTURER'S INSTRUCTIONS

- A. When specified in individual specification sections, submit manufacturer's printed instructions for delivery, storage, assembly, installation, start-up, adjusting and finishing, and maintenance, in quantities specified for product data.
- B. Identify conflicts between manufacturer's instructions and contract documents.

XIV. MANUFACTURER'S CERTIFICATES

- A. When specified in individual specification sections or on submittal schedule, submit manufacturer's certificates to for review.
- B. Indicate that material or product conforms to or exceeds specified requirements. Submit supporting reference data, affidavits and certifications as appropriate.
- C. Certificates may be recent or previous test results on material or product, but in all cases must be acceptable to Department.

XV. SUBMITTAL SCHEDULE

- A. Abbreviations:

SoSu - Source of Supply

DeDa - Descriptive Data or Catalog Cuts

ShDr - Shop or Installation Drawings

CoCh - Color Chart

Cert - Certificates

Samp – Samples

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A. Schedule:

Description of items to be submitted	SoSu	DeDa	ShDr	CoCh	Samp	Cert
1. Cost Breakdown	X	X				
2. Work Schedule	X	X				
3. Engineered Stamped Drawings	X		X			X
4. L&I Permit Documents		X	X			X
5. Pressure treated lumber	X	X	X			
6. Sealant/Adhesive	X	X	X	X		X
7. Vinyl Siding Sytem	X	X	X	X	X	X
8. All Screws and Fasteners	X	X	X			X
9. Final Deliverables	X					
10. Digital Photos	X					
11.Waste Receipts	X					