

**CITY OF FAIRHOPE  
REQUEST FOR QUOTATIONS  
COVER SHEET**

The following Request for Quotation is for a new roof for the office wing portion of our Pecan Street warehouse.

**Pecan Building Office Wing New Roof**

<b>Date Issued:</b>	February 12, 2021
<b>Deadline to Submit:</b>	Wednesday, February 17, 2021, 10:00 a.m.
<b>Direct all Questions To:</b>	Dee Dee Brandt, Purchasing Manager <a href="mailto:DeeDee.Brandt@fairhopeal.gov">DeeDee.Brandt@fairhopeal.gov</a>
<b>Submitted Quotes Should Include:</b>	Completed Quote Response form Other supporting documentation as requested
<b>Deliver Quotes To:</b>	Public Works Building 555 S. Section Street Fairhope, AL 36532
<b>Email Quotes To:</b>	Dee Dee Brandt, Purchasing Manager <a href="mailto:DeeDee.Brandt@fairhopeal.gov">DeeDee.Brandt@fairhopeal.gov</a>

For emailed quotes, please reference the Pecan Building Office Wing Roof Repair in the subject line.

To schedule an appointment to view the property, email [DeeDee.Brandt@fairhopeal.gov](mailto:DeeDee.Brandt@fairhopeal.gov).

**Public Utilities/Works Complex**  
**Pecan Building Office Wing - New Roof**  
**City of Fairhope Public Works Project No. 2021-PWI 007**  
**Bid/Quote Response:**

**GALVALUME ROOF REPLACEMENT – PECAN BUILDING OFFICE WING BID/QUOTE:**

The City of Fairhope is requesting responses to provide labor, materials, equipment and all incidentals to furnish, deliver and replace the existing mono-sloped metal roof on the City's Pecan Building Office Wing located 451 Pecan Avenue, Fairhope, AL 36532. The response should include a square foot unit price that covers the engineering, fabrication, permitting, site work and installation of the new roof system. The quantity unit price shall include all equipment, tools, labor, materials and all other incidentals to deliver a "turnkey" replacement roof system.

**SCOPE OF WORK:**

Work shall include, but not be limited to the following: engineering, design, permitting, fabrication, site work, and installation of a new mono-slope Galvalume roof system on a wing of an existing pre-engineered metal building. Building code compliance and permitting will be the responsibility of the bidder.

Work shall include:

- Removal and disposal of existing metal roof decking – 50' x 152'-4" (plan view) approximately 7,710 Sq. Ft. (with entrance overhang) – Slope approximately 1/12
- Removal and disposal of all Flashings, Rakes, Soffits, Fascia, Drip Edges and other appurtenances
- Removal and disposal of all existing roof insulation.
- Install new 3-inch Vinyl Reinforced (VR) R-10 (Min) insulation or better
- Install new 26 Gauge.36" Wide, PBR Roofing Panel, R-Loc or Equivalent – Galvalume
- Install all required new Panels, Flashings, Rakes, Soffits, Fascia, Drip Edges and other appurtenances
- All connections and penetrations shall be made weather-tight per manufacture's specifications and by using approved closures, tapes, gaskets, boots and sealants.

**CONTRACT TIME:**

- 60 Calendar Days from Notice to Proceed
- 15-day Notice to Proceed
- 15 Calendar Days for Shop Drawings and product submittals
- Anticipate contract to let in April 2021

**APPLICABLE DRAWINGS AND SPECIFICATIONS (Attached and Below):**

1. Plan View Drawing - Attached
2. Roof Pitch 1:12 (Approximate)
3. Applicable Building Code: IBC 2018

4. Roof Panel - 26-gauge, 36" Wide, PBR Roofing Panel, R-Loc or Equivalent, Galvalume Plus (exposed fastener)
5. General Specifications and Notes:
  - a. All metal roofing material shall be 26 Gauge, Galvalume.
  - b. Panels, Flashings, Rakes, Soffits, Fascia, Drip Edges and other appurtenances shall be installed per manufacture's specifications and applicable building code requirements.
  - c. New Roof shall be 26 Gauge, 36" Wide, PBR Roofing Panel R-Loc or Equivalent - Galvalume.
    - i. Fasteners shall be per manufacture's specifications
    - ii. Fastener count, pattern and embedment depth shall be per applicable building code for appropriate wind speed zone.
    - iii. PBR Roofing Panels do attached to existing Z-Purlins
    - iv. Existing Roof has insulation between PBR Panels and Z-Purlins to be removed and disposed of - Unit Pricing will include installation of new 3-inch Vinyl Reinforced (VR) R-10 (Min) insulation
  - d. Unit Pricing shall include replacement of all Panels, Flashings, Rakes, Soffits, Fascia, Drip Edges and other appurtenances with new material and include all associated hardware and accessories.
  - e. All connections and penetrations shall be made weather-tight per manufacture's specifications and by using approved closures, tapes, gaskets, boots and sealants.
  - f. New Roof System shall be warranty by Contractor/Manufacturer by providing:
    - i. 5 Years Workmanship - including a Leak Free Guaranty
    - ii. 25 Years Material
    - iii. 25 Years Color (If Applicable)
6. Galvalume Product Sheet and Specification – Attached
7. GENERAL CONDITIONS, SPECIAL PROVISIONS and SUPPLEMENTAL SPECIFICATIONS - Attached
8. Site Photos - Attached

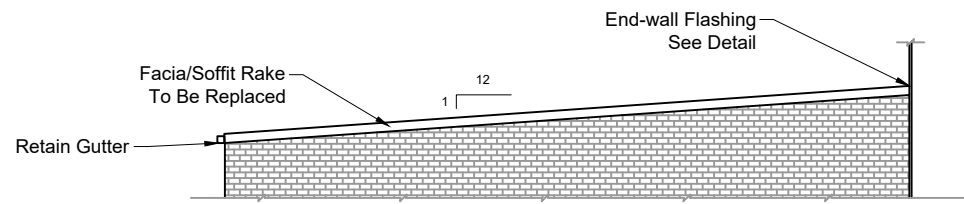
**New Roof System    7,710 Sq. Ft. @ \$ \_\_\_\_\_ / Sq. Ft = \$ \_\_\_\_\_**

Contractor Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

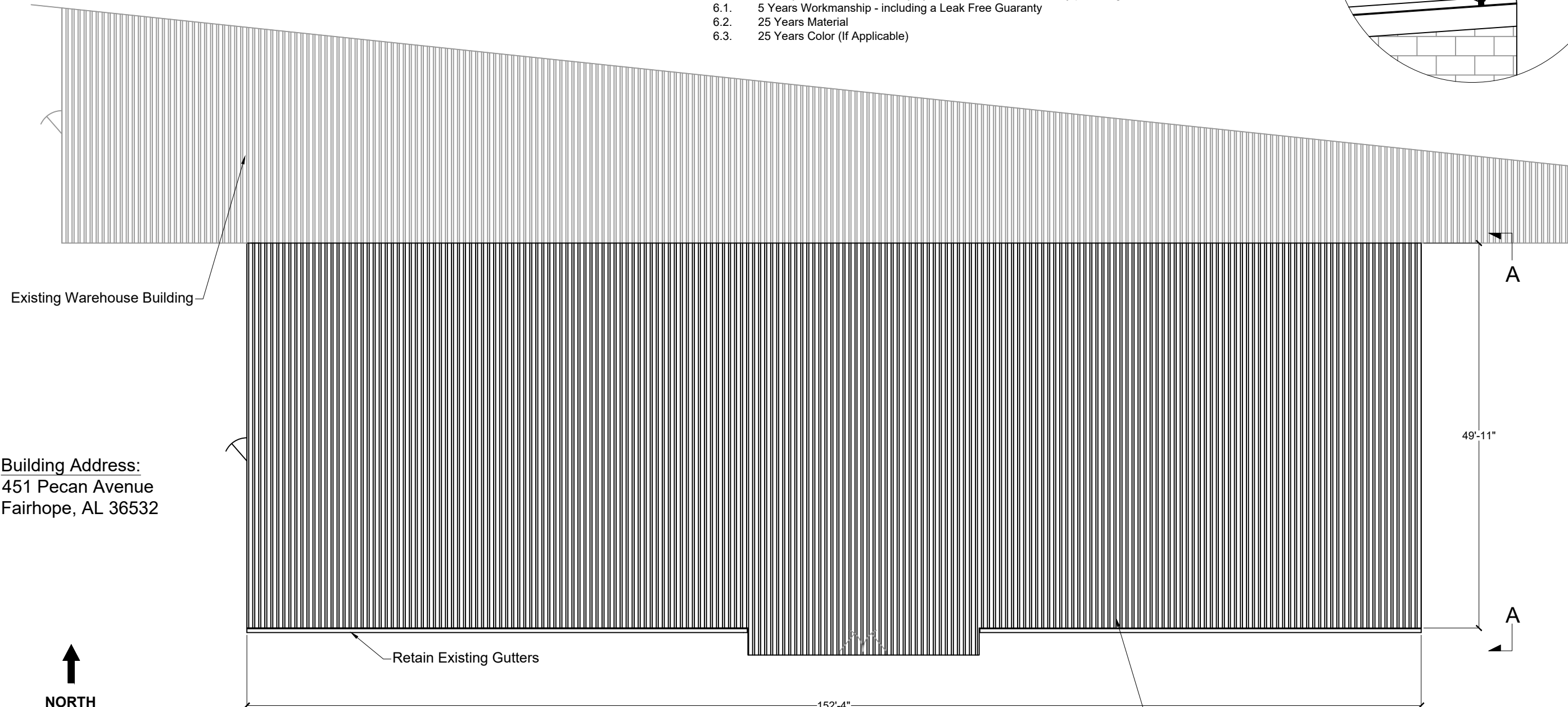
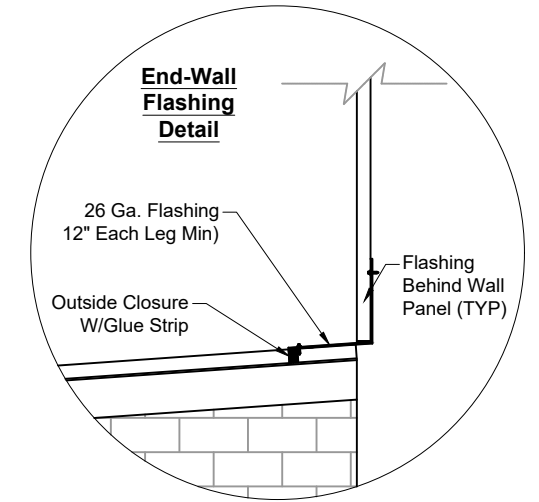
Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_



SECTION A - A

PROJECT NOTES:

1. All metal roofing material shall be 26 Gauge, Galvalume.
2. Panels, Flashings, Rakes, Soffits, Fascia, Drip Edges and other appurtenances shall be installed per manufacture's specifications and applicable building code requirements.
3. New Roof shall be 26 Gauge, 36" Wide, PBR Roofing Panel R-Loc or Equivalent - Galvalume.
  - 3.1. Fasteners shall be per manufacture's specification
  - 3.2. Fastener count, pattern and embedment depth shall be per applicable building code for appropriate wind speed zone.
  - 3.3. PBR Roofing Panels do attached to existing Z-Purlins
  - 3.4. Existing Roof has insulation between PBR Panels and Z-Purlins to be removed and disposed of-
4. Unit Pricing shall include replacement of all Panels, Flashings, Rakes, Soffits, Fascia, Drip Edges and other appurtenances with new material and include all associated hardware and accessories.
5. All connections and penetrations shall be made weather-tight per manufacture's specifications and by using approved closures, tapes, gaskets, boots and sealants.
6. New Roof System shall be warranty by Contractor/Manufacturer by providing:
  - 6.1. 5 Years Workmanship - including a Leak Free Guaranty
  - 6.2. 25 Years Material
  - 6.3. 25 Years Color (If Applicable)



Building Address:  
451 Pecan Avenue  
Fairhope, AL 36532



PECAN AVENUE WAREHOUSE  
OFFICE WING ROOF REPLACEMENT  
7720 SQ. FEET - PBR ROOF PANEL - N.T.S.

New 26 Gauge .36" Wide, PBR Roofing Panel  
R-Loc or Equivalent - Galvalume

<b>Pecan Building Office Wing - New Roof</b>		
City of Fairhope - Public Works Department		
Dwg: RDJ	Date: 02/03/2021	Sheet #: 1 of 1

## **GALVALUME® & GALVALUME PLUS®**

### **PRODUCT DESCRIPTION**

Coating: "Galvalume" is the registered trade name for a patented sheet steel product having a coating of corrosion-resistant aluminum-zinc alloy applied by a continuous hot dipping process. The alloy coating of aluminum and zinc provides an optimum balance between (a) the long-term general corrosion resistance, high temperature oxidation resistance and heat reflectivity of aluminum, and (b) the galvanic protection of zinc at scratches and cut edges.

"Galvalume Plus" is the registered trade name for a bare Galvalume sheet product with a thin, clear acrylic coating. This product offers several advantages, including:

1. Can be rollformed dry, with no vanishing oil applied in our coating line or at the rollforming line. In fact, Galvalume Plus should only be roll formed dry.
2. Panels will be delivered to the jobsite dry, with no vanishing oil on the surface.
3. Resists fingerprinting and smudging during handling and installation at the jobsite.
4. Provides excellent resistance to storage stain and transit corrosion.
5. Provides a bright appearance which will weather uniformly.

Basic Use: Galvalume sheet -- bare, acrylic-coated and prepainted -- is intended for applications where superior corrosion resistance is required, as in roofing, siding, pre-engineered buildings, appliances, air conditioner housings and other uses. Bare Galvalume sheet is also used for applications where resistance to oxidation at elevated temperatures is important, such as fireplaces, toasters and automotive exhaust systems.

Limitations: Based on experience to date, suppliers advise against contact of Galvalume sheet with lead, copper, graphite, unprotected steel, uncured concrete, or wet, green or pressure-treated wood; exposure of Galvalume sheet to water run-down from copper and the use of Galvalume sheet in harsh chemical or intensive animal confinement environs.

---

### **TECHNICAL DATA**

Coating: The composition of the Galvalume sheet coating is typically 55% aluminum, 1.6% silicon and the balance zinc, nominal percentages by weight.

The product is described in ASTM Specification A 792 and is available in three coating weights:

- ASTM Designation AZ50 AZ55 AZ60
- Triple Spot Average Minimum oz/sq ft 0.50 0.55 0.60
- Single Spot Minimum oz/sq ft 0.43 0.50 0.52

A nominal coating weight of 0.50 oz/sq ft (total both sides) is equivalent to 0.8 mil thickness per side. The coating is available as regular spangle or extra smooth surface, with or without chemical treatment. An oil coating may also be specified on bare Galvalume sheet. This is a very thin acrylic coating is applied to both sides of the sheet using a sophisticated roll coater. This acrylic coating provides excellent resistance to storage stain and transit corrosion. Galvalume Plus eliminates the need for conventional chemical treatment and vanishing oil.

Atmospheric Corrosion Resistance: Based on 30-year atmospheric test results, it is estimated that Galvalume sheet will outlast G90 galvanized by two to four times in marine, industrial and rural atmospheres. When compared to aluminum coated sheet steel, Galvalume sheet has superior corrosion resistance at sheared edges.

Salt Spray Corrosion Resistance: With cut edges protected, the coating on Galvalume sheet steel lasts five to ten times longer than the coating on G90 galvanized. In salt spray tests conducted with bare cut edges exposed, the corrosion resistance is typically three to four times that of G90 galvanized.

High Temperature Behavior: Bare Galvalume sheet can be used at temperatures up to 600°F without discoloration and up to 1250°F without heavy oxidation and scaling. Prolonged exposure to temperatures above 600°F can result in changes to the base metal characteristics of conventional Galvalume sheet. Galvalume H.T. Sheet (UL listed) will resist base metal change. Galvalume sheet applications subjected to these temperatures should be reviewed with a Bethlehem Sales representative.

Formability: Galvalume sheet can be formed about as readily as continuously annealed galvanized sheet. Lock

forming and roll forming are readily accomplished.

**Weldability:** Galvalume sheet is readily weldable with conventional resistance and arc welding processes. Conditions for resistance welding are similar to those used on galvanized steel. Spot welding electrodes should be redressed as required to maintain nugget size. RWMA Class 2 or dispersion-strengthened copper alloy electrodes are suggested. Galvalume sheet can be arc welded with the shielded metal-arc and gas metal-arc processes. The lower zinc content of the coating of Galvalume sheet results in considerably less fuming during arc welding, providing reduced fume hazards to welders. For further information on welding, contact a Bethlehem Sales representative.

**Appearance:** Uniform visual appearance of unpainted Galvalume sheet cannot be guaranteed. Even with Galvalume Plus, the normally occurring variations in surface appearance typical of all hot-dip products will still be present and will not be masked by the thin, clear acrylic film. If uniform visual appearance is critical, then prepainted Galvalume sheet should be ordered.

**Paintability:** Prepainted Galvalume sheet is an ideal product for many applications where the aesthetic appearance of a painted product is desired along with excellent atmospheric corrosion resistance. Such applications include pre-engineered metal buildings, architectural panels, roofing and siding, and other building components. Galvalume sheet may be fieldpainted with most paints suitable for galvanized: zinc-dust primers, butyral wash primers and acrylic latex paints. Galvalume Plus may be field painted using water-based acrylic primers and/or topcoats. Note that field painting of either Galvalume or Galvalume Plus may have warranty implications.

**Typical Mechanical Properties: (Commercial Steel)**

Yield Strength 38 - 53 ksi

Tensile Strength 50 - 65 ksi

Total Elongation 20-36%

Hardness 50-65 HRB

(Structural steels, including 50 ksi and 80 ksi minimum yield strengths, are also available.)

---

## **INSTALLATION**

To preserve the surface appearance of Galvalume sheet, only clean, dry gloves should be used during handling. Care should also be exercised to prevent the sheets from sliding over rough surfaces or each other. Fasteners and other component parts should have equivalent corrosion resistance. Galvalume sheet steel joints can be effectively closed using appropriate sealants such as neutral-curing silicone rubber. If other types of sealants are considered, they should possess the long-term durability, adhesion and non-corrosive properties of neutral-cure silicone rubber. Soldering is not recommended.

---

## **AVAILABILITY**

Availability: Galvalume sheet is available from our plants at Sparrows Point, MD and Jackson, MS and other licensed mills. It can be obtained in thicknesses from 0.014" to 0.055" and in widths up to 48". Inquire for heavier thicknesses. Galvalume Plus is available from numerous licensed plants. It can be obtained in thicknesses from 0.015" to 0.030" and in widths up to 48".

---

## **WARRANTY**

Galvalume sheet conforms to the requirements of ASTM Specification A 792. Galvalume sheet is a component recognized by the American Gas Association and by Underwriters Laboratories, Inc. under File No. MH9372. Galvalume sheet is conditionally warranted against rupture, structural failure or perforation due to corrosion for a period of up to 25 years and six months when used for building panel applications.

---

## **MAINTENANCE**

Properly installed Galvalume sheet requires no special maintenance. Galvalume sheet, like galvanized, is subject to wet storage staining and turns gray to black if moisture is trapped between coil laps, cut length sheets, or roll formed parts during shipping and storage. The mill treats Galvalume sheet to retard wet storage staining (unless otherwise requested); however, the user should take precautions to keep Galvalume sheet dry in transit, in storage and at work sites.

*Galvalume® is a registered trademark of BIEC International, Inc. or one of its licensed producers. Galvalume® Plus is a registered and protected trademark of BIEC International, Inc.*

## **GENERAL CONDITIONS, SPECIAL PROVISIONS and SUPPLEMENTAL SPECIFICATIONS**

1. **SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION:** The Contractor shall comply with the Department of Labor Safety and Health Regulations for construction promulgated under the Occupational Safety and Health Act of 1970 (PL-596) and under Section 107 of the Contract Work Hours and Safety Standards Act (PL-91-54).

The contractor alone shall be responsible for the safety, efficiency, and adequacy of his plant, appliances, and methods, and for any damage which may result from their failure or their improper construction, maintenance, or operations.

2. **BUILDING CODE COMPLIANCE:** The Contractor shall be solely responsible for all work to be performed in strict compliance to the applicable building code(s). Contractor shall be responsible for the cost and filing of all required Building Permits. Applicable Building Code: IBC 2018
3. **PROJECT SITE:** The Contractor shall keep the project site clean at all times. No loose dirt or stockpiles shall be left in areas other than those areas approved by the Public Works Director. The Public Works Director may require the Contractor to clean up any portion of the Project as he deems necessary.
4. **MATERIALS:** The Contractor agrees to comply with, and to require the compliance of all subcontractors with the provisions of Act #876 of the Legislature of Alabama, adopted on September 8, 1961, requiring purchase of materials and supplies and products for the project which are manufactured, mined, processed, or otherwise produced in the United States or its territories if the same are available at reasonable prices; and the Contractor further agrees and stipulates to pay to the Owner a sum to be determined and fixed by the Owner in an amount not less than five hundred (\$500.00) dollars nor more than twenty (20%) percent of the gross amount of the Contract in the event he or any subcontractor breach this agreement to use domestic products.
5. **PUBLIC CONVENIENCE:** No attempt is made to restrict work hours of the Contractor's operations, but he is reminded that it will be necessary to arrange his work schedule to provide the least inconvenience to the public and individual residents. The Contractor shall take extra precaution to insure that traffic is protected by the use of, but not limited to, flashing signs and barrels. No direct payment will be made for any of the work described in this section.
6. **UNDERGROUND UTILITIES AND SERVICES:** Existing utilities, mailboxes, signs and minor obstructions are not shown on the plans. Their presence, and the required removal and the resetting thereof shall be considered incidental to the overall project and the cost for the work noted above shall be included in the overall "lump sum" price for the project (no separate payment).

The Contractor is solely responsible for the locating all existing Utilities and Services. Failure of the Contractor to locate any utility does not justify additional payment to the Contractor if said utility is damaged. The Contractor must notify the utility companies involved prior to starting construction and shall make every effort not to damage any utilities. If utilities are damaged by the Contractor, the Contractor must pay all expenses incurred in the repair at no cost to the Owner or his representatives.

7. **PROVISIONS REQUIRED BY LAW DEEMED INSERTED:** Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be

## **GENERAL CONDITIONS, SPECIAL PROVISIONS and SUPPLEMENTAL SPECIFICATIONS**

inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract shall forthwith be physically amended to make such insertion or correction.

8. **PROTECTION OF LIVES AND HEALTH:** "The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for all damages to persons or property, either on or off the site, which occur as a result of his prosecution of the work. The safety provisions of applicable laws and building and construction codes, in addition to specific safety and health regulations described by Chapter XIII, Bureau of Labor Standards, Department of Labor, Part 1518, Safety and Health Regulations for Construction, as outlined in the Federal Register, Volume 36, No. 75, Saturday, April 17, 1971. Title 29 - LABOR, shall be observed and the Contractor shall take or cause to be taken, such additional safety and health measures as the Contracting Authority may determine to be reasonably necessary."
  
9. **PUBLIC WORKS DIRECTOR'S AUTHORITY:** The Public Works Director shall give all orders and directions contemplated under this contract and specifications, relative to the execution of the work. The Public Works Director shall determine the amount, quality, acceptability, and fitness of the several kinds of work and materials which are to be paid for under this contract and shall decide all questions which may arise in relation to said work and the construction thereof. The Public Works Director's estimates and decisions shall be final and conclusive, except as herein otherwise expressly provided. In case any question shall arise between the parties hereto relative to said contract or specifications, the determination or decision of the Public Works Director's shall be a condition precedent to the right of the Contractor to receive any money or payment for work under this contract affected in any manner or to any extent by such question.

The Public Works Director shall decide the meaning and intent of any portion of the specifications and of any plans or drawings where the same may be found obscure or be in dispute. Any differences or conflicts in regard to their work which may arise between the Contractor under this contract and other Contractors performing work for the Owner shall be adjusted and determined by the Public Works Director.

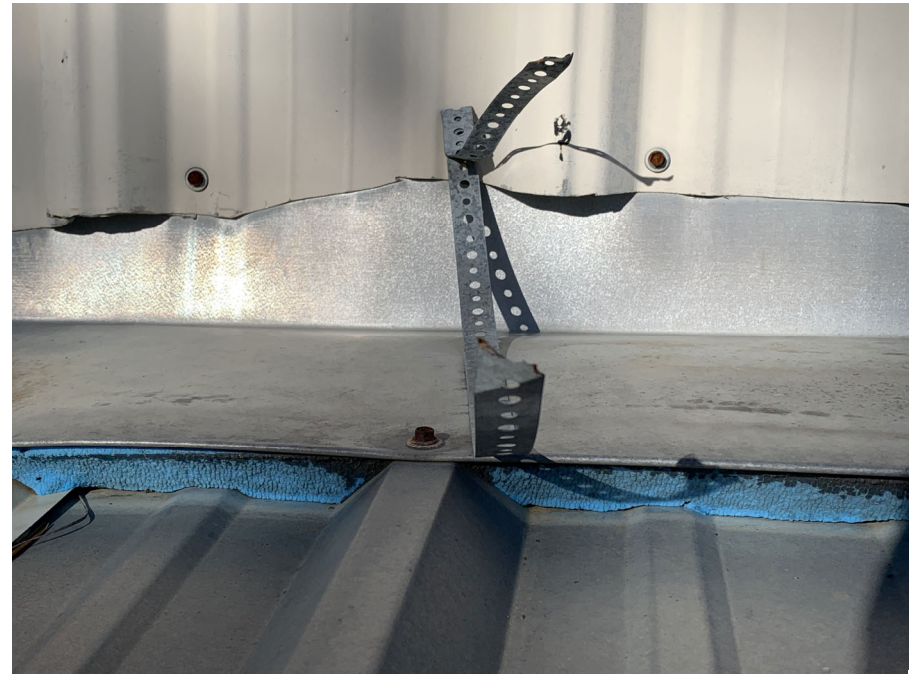
10. **USE OF PREMISES AND REMOVAL OF DEBRIS:** The Contractor expressly undertakes at his own expense:
  - a. to take every precaution against injuries to persons or damage to property;
  - b. to store his apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work or the work of any other contractors;
  - c. to place upon the work or any part thereof only such loads as are consistent with the safety of that portion of the work; materials, and debris caused by his operations, to the end that at all times the site of the work shall present a neat, orderly and workmanlike appearance;
  - d. before final payment to remove all surplus material, false-work, temporary structures, including foundations thereof, plant of any description and debris of every nature resulting from his operations, and to put the site in a neat, orderly condition;
  - e. to effect all cutting, fitting or patching of his work required to make the same to conform to the plans and specifications and, except with the consent of the



## **GENERAL CONDITIONS, SPECIAL PROVISIONS and SUPPLEMENTAL SPECIFICATIONS**

Public Works Director, not to cut or otherwise alter the work of any other Contractor.

11. **INSURANCE:** The Contractor shall not commence work under this contract until he has obtained all the insurance required by the City of Fairhope (see contract documents) and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on his subcontract until the insurance required of the subcontractor has been so obtained and approved.
12. **MATERIALS, SERVICES AND FACILITIES:**
  - a. It is understood that except as otherwise specifically stated in the Contract Documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, supervision, temporary construction of every nature, and all other services and facilities of every nature whatsoever necessary to execute, complete and deliver the work within the specified time.
  - b. Any work necessary to be performed after regular working hours, on Sundays or Legal Holidays, shall be performed without additional expense to the Owner.
13. **CONTRACTOR'S TITLE TO MATERIALS:** No materials or supplies for the work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies used by him in the work, free from all liens, claims or encumbrances.
14. **INSPECTION AND TESTING OF MATERIALS:**
  - a. All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards. The laboratory or inspection agency shall be selected by the Owner. The Owner will pay for all laboratory inspection service direct, and not as a part of the contract.
  - b. Materials of construction, particularly those upon which the strength and durability of the structure may depend, shall be subject to inspection and testing to establish conformance with specification and suitability for uses intended.
15. **CONTRACT TIME:** Contract time for Pecan Building Office Wing - New Roof Project, City of Fairhope Public Works Project No. 2021-PWI 007 shall be **sixty (60) calendar days**. Contract time shall start ten (15) days following the Official Notice to Proceed to Proceed.
16. **LIQUIDATED DAMAGES (LD's):** Liquidated Damages (LD's) shall apply. LD's shall be calculated at a fixed rate of \$150.00 per calendar day beyond the designated contract time.













## INSURANCE REQUIREMENTS

### 4.0 INSURANCE REQUIREMENTS

Awarded Contractor, at its sole expense, shall obtain and maintain in full force the following insurance to protect the Contractor and the City of Fairhope at limits and coverages specified herein. The City of Fairhope will be listed as an additional insured under the Contractor's General Liability insurance and automobile liability insurance policies, and all other applicable policies and certificates of insurance. These limits and coverages specified are the minimum to be maintained and are not intended to represent the correct insurance needed to fully and adequately protect the awarded Bidder.

**4.01** All insurance will be provided by insurers by admitted carriers in the State of Alabama, shall have a minimum A.M. Best rating of A-VII and must be acceptable to the CITY. Self-insured plans and/or group funds not having an A.M. Best rating must be submitted to the CITY for prior approval.

**4.02 NO WORK IS TO BE PERFORMED UNTIL PROOF OF COMPLIANCE WITH THE INSURANCE REQUIREMENTS HAS BEEN RECEIVED BY THE CITY.**

**4.03 Worker's Compensation and Employer's Liability**

Part One: Statutory Benefits as required by the State of Alabama		
Part Two: Employer's Liability	\$1,000,000	each accident
	\$1,000,000	each employee
	\$1,000,000	Policy Limit

**4.04 U.S. Longshoreman & Harbor Workers Act (USL&H)**

Required if contract involves work near a navigable waterway that may be subject to the USL&H law.

**4.05 Maritime Endorsement (Jones Act)**

Endorsement required if contract involves the use of a Vessel. Or include coverage for "Master or Member or Crew" under "Protection and Indemnity" coverage (P&I) unless crew is covered under Workers Compensation.

Bodily injury by accident	\$1,000,000	each accident
Bodily injury by disease	\$1,000,000	aggregate

**4.06 Commercial General Liability**

Coverage on an Occurrence from with a combined single limit of (Bodily Injury and Property Damage combined as follows:

Each occurrence	\$1,000,000
Personal and Advertising Injury	\$1,000,000
Products/Completed Operation Aggregate	\$2,000,000
General Aggregate	\$2,000,000

Coverage to include:

- Premises and operations
- Personal injury and Advertising Injury
- Products/completed operations
- Independent Contractors
- Blanket Contractual Liability
- Explosion, Collapse and Underground hazards
- Broad Form Property Damage
- Railroad Protective Liability Insurance if work involves construction, demolition, or maintenance operations on or within 50 feet of a railroad.

**4.07 Automobile Liability**

Covering all owned, non-owned and hired vehicles with a limit of no less than \$1,000,000 combined single limit of Bodily injury and property damage per occurrence.



#### **4.08 Certificates of Insurance**

A Certificate of Insurance evidencing the above minimum requirements must be provided to and accepted by the CITY PRIOR to commencement of any work on the contract. Each policy shall be endorsed to provide ten (10) days written notice of cancellation to the CITY.

- 4.08.1** The Contractor shall require certificates of insurance from sub-Contractors. Sub-Contractors will carry limits of insurance equal to or greater than those carried by the Contractor. These certificates shall evidence waivers of subrogation in favor of the Contractor and the CITY, and shall be made available to the CITY upon request.