



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on the installation of roofing at the Gatlinburg Fire Station #3, 1310 Ski Mountain Rd.

Bids shall be received at Gatlinburg City Hall until 2:30 p.m., March 21, 2019, at which time they will be publicly opened and read aloud. Bids must be sealed with the bidder's name, address, bid opening time and date and the quotation "Bid Gatlinburg Fire Station #3 Roof" stated plainly on the outside.

For questions concerning the Bid Documents, Bidders may contact City of Gatlinburg, Delea Patterson, AP/Purchasing, 1230 Parkway East, Suite 2, P.O. Box 5, Gatlinburg, Tennessee 37738 at 865-436-1409 or Fax 865-436-6464 or deleap@gatlinburgtn.gov.

Technical questions should be referred to Chief, Charlie Cole, Telephone Number (865) 436-5112.

Bid specifications will also be available on the City of Gatlinburg website at www.gatlinburgtn.gov under "Out for Bids" tab. This bid tab is located under Gatlinburg Government, and then Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

No bid may be withdrawn for thirty (30) days.

The City reserves the right to qualify bidders, to waive any informalities, to reject any and/or all bids, and to accept the bid deemed most favorable and in the best interest of the City.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

Any additions, deletions, or variations from the following specifications must be noted.

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications must accompany bid.

The City of Gatlinburg reserves the right to extend this agreement for one (1) additional year after the completion of the first year agreement.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability, loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

Vendor shall possess all of the necessary insurances and licenses required to perform this type and size of project.

Certain projects with a total cost of \$25,000 or more require a TN Contractors license. This License #, Classification and Expiration date MUST be listed on the bid envelope. Bidders cannot use license of another to bid on any City of Gatlinburg project.

SPECIFICATIONS

SECTION 076100 SHEET METAL ROOFING

PART I-GENERAL

1.1 SECTION INCLUDES

- A. Integral snap-lock metal panel roofing system.

1.2 RELATED SECTIONS

- A. Section 061000 -Rough Carpentry
- B. Section 076000 -Flashing and Sheet Metal
- C. Section 077123 -Fascia, Gutters, and Downspouts
- D. Section 079000 -Sealers and Caulking

1.3 REFERENCES

- A. ASTM A 792/A 792M – Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process.
- B. ASTM D 2178 – Standard Specification for Asphalt Glass Felt Used in Roofing and Waterproofing.
- C. ASTM E84 - Standard Test for Surface Burning Characteristics of Building Materials.
- D. ASTM E 1592 – Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference.
- E. FM4471 – Class 1 Roofing Panels.
- F. SMACNA -Architectural Sheet Metal Manual.
- G. NRCA -The NRCA Roofing and Waterproofing Manual.

1.4 SUBMITTALS:

- A. Submit under provisions of Section 013219.
- B. Manufacturer's catalog data, detail sheets, and specifications.
- C. Shop Drawings: Prepared specifically for this project; showing dimensions of metal roofing and accessories, fastening details and connections and interface with other products. Samples must include minimum of 2 blues.
- D. Selected Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, provide two samples, minimum size 6 inches (150mm) square, representing actual product, color, and patterns.

F. Provide documentation that metal roof meets or exceeds LEED Standard for Heat Island EFFECT-Roof with a solar reflectance index greater than 29 or the weighted rooftop SRI average meets the following criteria:

$$\frac{\text{Area Roof Meeting Minimum SRI}}{\text{Total Roof Area}} \times \frac{\text{SRI of Installed Roof}}{\text{Required SRI}} \geq 75\%$$

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Certified and approved installer of the sheet metal roofing manufacturer Englert, Inc.

1.06 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

B. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.

1. Store materials above ground, on skids.

2. Protect material with waterproof covering and allow sufficient ventilation to prevent condensation buildup or moisture entrapment on the materials.

1.5 WARRANTY:

A. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Provide warranties as follows:

1. Warranty covering the metal substrate against rupture, perforation and structural failure due to normal **atmospheric corrosion.**

2. Warranty on paint finish against cracking, peeling, blistering, chalk and color change.

3. Provide PermaColor 3500, 35-year Kynar 500/Hylar 5000 limited finish warranty.

4. Provide 20-year warranty for Galvalume against corrosion and perforation.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Englert, Inc.

B. Request for substitutions will be considered in accordance with provisions of Section 016000.

C. Provide all sheet metal roofing and accessories from a single manufacturer.

2.2 RESIDENTIAL/LIGHT COMMERCIAL SYSTEMS

A. Integral Snap-Lock Panels:

1. Profile: Series S2000, 1.75 inch (38.1 mm) standing seam.

a. Width

1. 16 inch (406 mm).

b. Stiffening ribs.

c. Flame Spread: Class 1 when tested in accordance with ASTM E84.

d. Solar reflectance index greater than 29.

2.3. ACCESSORIES

- A. Fasteners: As recommended by panel manufacturer for the system specified.
- B. Base Sheet and Eave Protection Sheet: ASTM D226, Type I, 30 pound unperforated asphalt saturated organic felts.

2.4. MATERIALS

- A. Galvalume: ASTM A 792/A792M, AZ50, aluminum-zinc alloy coating.
 - 1. Base metal: Structural quality, 50ksi yield point, 52 ksi tensile strength.
 - 2. Thickness:
 - a. 24 gauge.
 - 3. Finish:
 - a. Permacolor 3500: Kynar 500/Hylar 5000 coating, 0.8 to 0.9 mil (0.020 to 0.023 mm) fluorocarbon full strength 70 percent Kynar 500 finish coating over 0.2 to 0.3 mil (0.005 to 0.007 mm) urethane primer.
 - b. Color to be selected from standard colors.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine surfaces to receive sheet metal roofing. Notify the Architect in writing of any defective conditions encountered. Starting of work shall constitute acceptance of such conditions.
- B. Wood and Metal Deck Substrate:
 - 1. Inspect roof deck to verify deck is clean and smooth, free of depressions, waves, or projections, and properly sloped.
 - 2. Verify deck is dry and joints are solidly supported and fastened.
 - 3. Verify wood nailers are installed and correctly located.
 - C. Structural Framing Substrate:
 - 1. Verify primary and secondary framing members are installed and fastened, properly aligned and sloped.
 - 2. Verify damaged shop coatings are repaired with touch up paint.
- D. Verify roof openings, curbs, pipes, sleeves, ducts, or vents through roof are solidly set, reglets are in place, and nailing strips located.**
- E. Correct defective conditions before beginning work.

3.2 INSTALLATION

- A. Install in conformance with the NRCA Roofing and Waterproofing Manual and manufacturers installation **instructions and recommendations.**
- B. Form panel shape as indicate on Drawings, accurate in size, square, and free from distortion or defects.**
- C. Install base sheet and eave protection sheet underlayment as recommended by the manufacturer.
- D. Install all panels continuous from ridge to eave. Transverse seams are not permitted.**
- E. Where not otherwise indicated conform to SMACNA details including flashings and trim.

F. Install sealants where indicate to clean dry surfaces only without skips or voids.

3.3 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

Delea Patterson, AP/Purchasing
City of Gatlinburg
1230 Parkway East, P.O. Box 5
Gatlinburg, Tennessee 37738

RE: Installation of New Roof at Gatlinburg Fire Station #3.

The specifications for the above-mentioned items have been reviewed and the following is offered for purchase, delivery, and installation of the following new roof (total to include all necessary hardware and labor) for the Gatlinburg Fire Station #3, 1310 Ski Mountain Road, per the specifications:

\$ _____

Any deviations from the specifications are noted below. We understand that this bid may not be withdrawn for thirty (30) days.

Any deviations from these specifications are listed below (use back if necessary).

DEVIATIONS YES____ NO____

Signed/ _____

Name (Print)

Date

Company Name

Phone Number

Address

Fax

City, State, Zip

Email

BIDDER'S LIST
(Project Open to All Qualified Vendors)

J&W Roofing & Sheet Metal
729 Flat Creek Rd.
Sevierville, TN 37876
roofingjw@aol.com

Team Roofing & Construction
5421 Springplace Cir.
Knoxville, TN 37924
chad@teamroofingconst.com

A.T.C.
914 B Callahan Dr.
Knoxville, TN 37912
margie@atcroofs.com

Stiles Roofing
400 Park Road
Sevierville, TN 37862
865-428-6388

Dixie Roofing
1703 Depot Street
Powell, TN 37849
865-938-9880

Citadel Construction
Mr. Eric Horner
PO Box 6247
Sevierville, TN 37864
865-286-2699
865-286-2698 fax
info@citadelconstruction.com

Robert Maples Construction
540 Loop Road
Gatlinburg, TN 37738
865-368-6382
rmaples@aol.com

Jim Arwood
Joseph Construction
arwood@josephconstruction.com

Brian King Roofing
dskingroofing@yahoo.com