

Southern A&E, LLC  
7951 Troon Circle  
Austell, Georgia 30168  
(770)-819-7777



Project Name: Troup HS Baseball/Softball Lockers  
Project Number: 01 664 123  
Client: Troup County Schools System  
City/State: Lagrange, GA

Addendum Date: 05.19.2022  
Bid Date: 06.15.2022

TO REGISTERED HOLDERS OF BID DOCUMENTS

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**INFORMATION CONTAINED IN THIS ADDENDUM SUPERSEDES PREVIOUS INFORMATION  
CONTAINED IN BID DOCUMENTS**

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CHANGES TO BID INSTRUCTIONS\BID DATE:

1. A mandatory pre-bid meeting will be held on June 1st, 2022 @ 2:00 pm at Troup High School Baseball Field, 1920 Hamilton Road, GA 30241. Any person or entity that fails to attend the mandatory pre-bit meeting will not be permitted to submit a Bid for the Project and any Bid submitted by a person or entity that did not attend the mandatory pre-bid meeting will be returned unopened.  
Bids will be publicly opened and read aloud. Interested parties are invited to attend.

CHANGES TO SPECS:

- 1) 00 03 00 - Advertisement for Bids
  - a) Mandatory Pre-bid meeting has been added.
- 2) 10 14 19 – Dimensional Letter Signage
  - a) Section 2.1.A.6.b – Anodized color as selected by architect from full range of industry colors and color densities, delete other options.

ATTACHMENTS:

Specification: 00 03 00, 10 14 19  
Supplemental Drawing:  
Revised Drawing:

END OF ADDENDUM #1

## 1.1 SOLICITATION

Sealed bids from General Contractors will be received by Troup County School System at 100 North Davis RD, Lagrange, GA 30241 until 12:00 pm on June 15<sup>th</sup> 2022 for construction of:

Troup High School Baseball/Softball Lockers  
1920 Hamilton RD, Lagrange, GA 30241

A mandatory pre-bid meeting will be held at June 1<sup>st</sup>, 2022 @ 2:00 pm at Troup High School Baseball Field, 1920 Hamilton Road, GA 30241. Any person or entity that fails to attend the mandatory pre-bit meeting will not be permitted to submit a Bid for the Project and any Bid submitted by a person or entity that did not attend the mandatory pre-bid meeting will be returned unopened.

Bids will be publicly opened and read aloud. Interested parties are invited to attend.

## 1.2 BID DOCUMENTS

Bid documents may be examined at Southern A & E's office at 7951 Troon Circle, Austell, Georgia 30168 or by calling 770-819-7777 to request a password and link to Southern A & E's online plan service to view the documents. Upon further request construction documents may be downloaded for printing or hardcopies may be ordered through the online plan service. Only complete sets will be provided for downloading or as hardcopies. No deposits are required and no refunds will be made.

Bid documents will not be sent to plan rooms.

## 1.3 CONDITIONS

No bid may be withdrawn for a period of sixty (60) days after bids are opened.

Bid bond in the amount of five percent of the base bid is required and must be submitted with the bid. A bid bond is the **only acceptable form of bid security**. No personal checks, cashier's checks, certified checks or cash will be accepted in lieu of the bid bond.

Performance and payment bonds in the amount of one-hundred percent (100%) of the contract sum will be required prior to commencement of construction.

All bonds shall be written by a surety licensed to conduct business in Georgia, listed on the Federal Register and acceptable to the Owner.

Bidder shall attach a Contractor Affidavit and Agreement demonstrating compliance with O.C.G.A. 13-10-91, Georgia Security and Immigration Compliance Act. Bidder shall also comply with provisions of O.C.G.A. 50-36-1, Verification of Lawful Presence Within United States through the use of the Systematic Alien Verification for Entitlements (SAVE) program and shall provide verification of compliance with executed affidavits which are available on the Georgia audits and Accounts website ([http://www.audits.ga.gov/NALGAD/section\\_3\\_affidavits.html](http://www.audits.ga.gov/NALGAD/section_3_affidavits.html))

Owner reserves the right to waive technicalities and irregularities and to reject any or all bids.

## 1.4 SOLICITED BY:

Mr. Dennis Medders  
Troup County Schools System

**END OF SECTION 00 03 00**

01 664 123

## PART 1 - GENERAL

## 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

## 1.2 SUMMARY

- A. Section Includes:

- 1. Cast dimensional characters.

## 1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.

- B. Shop Drawings: For dimensional letter signs.

- 1. Include fabrication and installation details and attachments to other work.
- 2. Show sign mounting heights, locations of supplementary supports to be provided by others, and accessories.
- 3. Show message list, typestyles, graphic elements, and layout for each sign at largest convenient scale..

- C. Samples for Initial Selection: For each type of sign assembly, exposed component, and exposed finish provide manufacture's standard color charts showing full range of available colors.

- 1. Sample submittals are required before preparation of Architect's Interior Color Schedule and Color Boards.

## 1.4 INFORMATIONAL SUBMITTALS

- A. Sample Warranty: For special warranty.

## 1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For signs to include in maintenance manuals.

## 1.6 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.

- 1. Failures include, but are not limited to, the following:
  - a. Deterioration of finishes beyond normal weathering.
  - b. Separation or delamination of sheet materials and components.
- 2. Warranty Period: Five years from date of Substantial Completion.

## PART 2 - PRODUCTS

## 2.1 DIMENSIONAL CHARACTERS

- A. Cast Characters: Characters with uniform faces, sharp corners, and precisely formed lines and profiles, and as follows:

- 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - a. ACE Sign Systems, Inc.
  - b. Allen Markings International.
  - c. APCO Graphics, Inc.
  - d. A. R. K. Ramos Signage Systems.
  - e. ASI Sign Systems, Inc.
  - f. Diskey Sign Company.
  - g. Gemini Incorporated.
  - h. Matthews International Corporation; Bronze Division.
  - i. Metal Arts; Division of L & H Mfg. Co.
  - j. Metallic Arts.
  - k. Seton Identification Products.
  - l. Southwell Company (The).
- 2. Character Material: Cast aluminum.
- 3. Character Height: 8 inches.
- 4. Thickness: 5/8 inch Manufacturer's standard for size of character.

Select quantity from options below after consulting with Owner's representative.

- 5. Quantity: Provide 20 letters in the base bid. A change order will be issued for quantity adjustment.

- 6. Finishes:

- a. Integral Metal Finish: As selected by Architect from full range of industry finishes.
- b. Integral Aluminum Finish: Anodized color as selected by Architect from full range of industry colors and color densities.
- c. Powder-Coat Finish: Manufacturer's standard, in color as selected by Architect from manufacturer's full range.
- d. Overcoat: Manufacturer's standard baked-on clear coating.

- 7. Mounting: Concealed studs.

- 8. Typeface: Helvetica Medium.

## 2.2 DIMENSIONAL CHARACTER MATERIALS

- A. Aluminum Castings: ASTM B 26/B 26M, alloy and temper recommended by sign manufacturer for casting process used and for type of use and finish indicated.
- B. Aluminum Extrusions: **ASTM B 221 (ASTM B 221M)**, alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated.
- C. Stainless-Steel Sheet: ASTM A 240/A 240M or ASTM A 666, Type 304 for interior letters, Type 316 for exterior letters, stretcher-leveled standard of flatness.

## 2.3 ACCESSORIES

- A. Fasteners and Anchors: Manufacturer's standard as required for secure anchorage of signage, noncorrosive and compatible with each material joined, and complying with the following:
  - 1. Use concealed fasteners and anchors unless indicated to be exposed.
  - 2. For exterior exposure, furnish stainless-steel or hot-dip galvanized devices unless otherwise indicated.
  - 3. Sign Mounting Fasteners:
    - a. Concealed Studs: Concealed (blind), threaded studs welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.
    - b. Projecting Studs: Threaded studs with sleeve spacer, welded or brazed to back of sign material, screwed into back of sign assembly, or screwed into tapped lugs cast integrally into back of cast sign material, unless otherwise indicated.
- B. Adhesives: As recommended by sign manufacturer and with a VOC content of 70 g/L or less for adhesives used inside the weatherproofing system and applied on-site when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- C. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187.

## 2.4 FABRICATION

- A. General: Provide manufacturer's standard sign assemblies according to requirements indicated.
  - 1. Preassemble signs and assemblies in the shop to greatest extent possible. Disassemble signs and assemblies only as necessary for shipping and handling limitations. Clearly mark units for reassembly and installation; apply markings in locations concealed from view after final assembly.
  - 2. Mill joints to a tight, hairline fit. Form assemblies and joints exposed to weather to resist water penetration and retention.
  - 3. Comply with AWS for recommended practices in welding and brazing. Provide welds and brazes behind finished surfaces without distorting or discoloring exposed side. Clean exposed welded and brazed connections of flux, and dress exposed and contact surfaces.
  - 4. Conceal connections if possible; otherwise, locate connections where they are inconspicuous.
  - 5. Internally brace signs for stability and for securing fasteners.
  - 6. Provide rebates, lugs, and brackets necessary to assemble components and to attach to existing work. Drill and tap for required fasteners. Use concealed fasteners where possible; use exposed fasteners that match sign finish.
  - 7. Castings: Fabricate castings free of warp, cracks, blowholes, pits, scale, sand holes, and other defects that impair appearance or strength. Grind, wire brush, sandblast, and buff castings to remove seams, gate marks, casting flash, and other casting marks before finishing.

## 2.5 GENERAL FINISH REQUIREMENTS

- A. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- C. Organic, Anodic, and Chemically Produced Finishes: Apply to formed metal after fabrication but before applying contrasting polished finishes on raised features unless otherwise indicated.

## 2.6 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, Class II, 0.010 mm or thicker.
- B. Color Anodic Finish: AAMA 611, Class II, 0.010 mm or thicker.
- C. Baked-Enamel or Powder-Coat Finish: AAMA 2603 except with a minimum dry film thickness of **1.5 mils (0.04 mm)**. Comply with coating manufacturer's written instructions for cleaning, conversion coating, and applying and baking finish.

## 2.7 STAINLESS-STEEL FINISHES

- A. Surface Preparation: Remove tool and die marks and stretch lines, or blend into finish.
- B. Polished Finishes: Grind and polish surfaces to produce uniform finish, free of cross scratches.
  - 1. When polishing is completed, passivate and rinse surfaces. Remove embedded foreign matter and leave surfaces chemically clean.
  - 2. Directional Satin Finish: No. 4.

3. Dull Satin Finish: No. 6.
4. Reflective, Directional Polish: No. 7.
5. Mirrorlike Reflective, Nondirectional Polish: No. 8.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of signage work.
- B. Verify that sign-support surfaces are within tolerances to accommodate signs without gaps or irregularities between backs of signs and support surfaces unless otherwise indicated.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 3.2 INSTALLATION

- A. General: Install signs using mounting methods indicated and according to manufacturer's written instructions.
  1. Install signs level, plumb, true to line, and at locations and heights indicated, with sign surfaces free of distortion and other defects in appearance.
  2. Before installation, verify that sign surfaces are clean and free of materials or debris that would impair installation.
  3. Corrosion Protection: Coat concealed surfaces of exterior aluminum in contact with grout, concrete, masonry, wood, or dissimilar metals, with a heavy coat of bituminous paint.
- B. Mounting Methods:
  1. Concealed Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
    - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place sign in position and push until flush to surface, embedding studs in holes. Temporarily support sign in position until adhesive fully sets.
    - b. Thin or Hollow Surfaces: Place sign in position and flush to surface, install washers and nuts on studs projecting through opposite side of surface, and tighten.

#### 3.3 ADJUSTING AND CLEANING

- A. Remove and replace damaged or deformed characters and signs that do not comply with specified requirements. Replace characters with damaged or deteriorated finishes or components that cannot be successfully repaired by finish touchup or similar minor repair procedures.
- B. Remove temporary protective coverings and strippable films as signs are installed.
- C. On completion of installation, clean exposed surfaces of signs according to manufacturer's written instructions, and touch up minor nicks and abrasions in finish. Maintain signs in a clean condition during construction and protect from damage until acceptance by Owner.

**END OF SECTION 10 14 19**

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