

**OCONEE COUNTY PROCUREMENT OFFICE**  
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**ADDENDUM NO. 2**  
**ITB 17-10**  
**Wayfinding Signage for Oconee County**  
**Bid Opening Date: May 1, 2018 at 2:00pm**

This Addendum #2 includes answers to the following question(s) and/or clarification(s) from Oconee County. **A signed copy of this Addendum #2 must also be returned with your bid.**

**Additional Specifications for Signs and Installation:**

- 1) All sign materials and sign installation shall meet Federal Highway Administration, (FHWA), South Carolina Department of Transportation (SCDOT) design, tolerance, installation and safety specifications.
- 2) All signs shall use a white high intensity, micro-prismatic Type IV or higher grade retro-reflective sheeting with a brown, (3M 1179 or equivalent) translucent E.C. Film face with white border and letters as specified in Part 2 of the Manual on Uniform Traffic Control Devices (M.U.T.C.D.).
- 3) The sign design should reflect all corner radius'. These will differ from the body portion of the sign to the logo portion of the sign.
- 4) The signs should have a minimum of one half inch (1/2") white border on all sides.
- 5) There should be two horizontal sign supports between sign posts.
- 6) If contractor performs installation, locates should be obtained before driving base posts.

**Question 1:** What thickness should the panels be for this project?

**Answer 1:** The thickness of the sign panels as a minimum shall be no less than 0.080 aluminum. If a sign exceeds 48 inches in width or height, it should have two horizontal 1 ½" supports.

**Question 2:** Are we required to pull permits for lane closures during the possible installation phase?

**Answer 2:** No. The County will be applying for and getting any encroachment permits necessary from SCDOT. No lane closure permits are required for signs on County roads. SCDOT does ask for prior notification.

**Question 3:** Are sign permits required for this project?

**Answer 3:** See answer to Question 2.

**Question 4:** Will any of the signs be going into pavement or concrete?

**Answer 4:** None of the signs are planned to go into pavement or concrete at this time.

**Question 5:** Posts and hardware are supplied by the county. Is that detail available or is there a preferred method of attachment? i.e. through face (with only holes through the face), brackets for support and attachment, full corrugated metal back per interstate specs?

**Answer 5:** See attached information for posts.

**Question 6:** Finish of sign back and return is not specified. Standard mill finish? Painted brown to match front (less reflective)?

**Answer 6:** Sign panel backs shall be standard unpainted mill finish.

**Question 7:** Can the County verify pole placement on each sign so predrilled attachment holes can be put in the sign panels?

**Answer 7:** Sign panels do not require pre-drilled holes.

**Question 8:** Do the posts need to have a breakaway system? If so, does the Contractor provide them or will the County provide?

**Answer 8:** The County is providing the posts. The specification for "a breakaway system" is included here: "All sign materials and sign installation shall meet Federal Highway Administration, (FHWA), South Carolina Department of Transportation (SCDOT) design, tolerance, installation and safety specifications."

**Question 9:** The installation page in the bid says that sign foundation needs to be engineered per code, does that mean we need to pour a concrete foundation to mount the posts or just determine how deep the posts need to be in the ground? The wording on this is not clear.

**Answer 9:** None of the sign locations are in concrete. A concrete foundation is not necessary for any of these signs.

**Question 10:** What is sign panel thickness?

**Answer 10:** See answer for question 1.

**Question 11:** Can we bid the signs, but not the installation?

**Answer 11:** Yes.

**Question 12:** Can the 96" x 60" (sign type 2) and 84" x 60" (sign type 3) be split into a 2 piece sign as they are too large for one piece of aluminum?

**Answer 12:** No, signs should be all one piece.

**Question 13:** Does the sign vendor need to be a licensed SC contractor?

**Answer 13:** No, this is not required.

## **END ADDENDUM NO. 2**

Dated: April 19, 2018

Please acknowledge receipt of Addendum by signing and attaching to your bid.

BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
(Contractor)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title of Signing Officer)

**ADDITIONAL SIGN POST SPECIFICATIONS:**

SIGN SIZES	SQUARE FOOTAGE	POST GAUGE	BASE POST	TOP POST	HORIZONTAL SUPPORTS
36"x72"	18 square feet	12	2 ¼"x2 ¼" X 36"		
36"x72"	18 square feet	14		2"x2"x12FT	1 ½"x5FT
36"x84"	21 square feet	12	2 ¼"x2 ¼" X 36"		
36"x84"	21 square feet	14		2"x2"x12FT	1 ½"x6FT
48"x72"	24 square feet	12	2 ¼"x2 ¼" X 36"		
48"x72"	24 square feet	14		2"x2"x12FT	1 ½"x5FT
48"x84"	28 square feet	10	2 ¼"x2 ¼" X 48"		
48"x84"	28 square feet	12		2"x2"x12FT	
		14			1 ½"x6FT
60"x84"	35 square feet	10	2 ¼"x2 ¼" X 48"		
60"x84"	35 square feet	12		2"x2"x12FT	
		14			1 ½"x6FT
60"x96"	40 square feet	10	2 ¼"x2 ¼" X 48"		
60"x96"	40 square feet	12		2"x2"x12FT	
		14			1 ½"x7FT

**SQUARE SIGN POST SPECIFICATIONS:** "Square sign posts shall be galvanized steel and drilled with 7/16" diameter holes on 1" centers for the full length of the post. They shall be fully punched on all four sides and shall be of the diameter, length and gauge indicated. They shall meet or exceed the breakaway standard specified in the AASHTO's "Specifications for Structural Supports for Highway Signs, Luminaries and Traffic Signals" and shall be fully (polymer or equivalent) coated to prevent rust and corrosion.

Size WxWxL	Gauge	Description
2 ¼"x 2 ¼" x 36"	12	Square base posts. (Telespar or equivalent) (Powder coated)
2"x 2" x 12 ft.	14	Square top posts. (Telespar or equivalent) (Powder coated)
2 ¼"x 2 ¼" x 48"	10	Square base posts. (Telespar or equivalent) (Powder coated)
2"x 2" x 12 ft.	12	Square top posts. (Telespar or equivalent) (Powder coated)