

ADDENDUM NO. 1
to the
PROJECT DOCUMENTS AND SPECIFICATIONS
for
CEW HIGH MAST LIGHT REPLACEMENT
BOB SIKES AIRPORT
(ITB AP 15-18)

Prepared for:
OKALOOSA COUNTY

Prepared By:



320 Bayshore Drive, Suite A
Niceville, Florida 32578-2425

AVCON Project No. 2017.050.06

Addendum Date: February 21, 2018

Note: The bidder shall acknowledge receipt of this addendum on the Bid Form, Page BF-1 in the space provided.

**ADDENDUM NO. 1
CEW HIGH MAST LIGHT REPLACEMENT
BOB SIKES AIRPORT
(ITB AP 15-18)**

- Date of Issue:** February 21, 2018
- Bid Submittal Deadline:** February 28, 2018 @ 2:00 p.m. (Central Standard Time) **(No Change)**
302 North Wilson Street, Conference Room #305, Crestview, Florida 32536
- Notice to all Plan Holders:** Please insert this addendum (3 pages including cover, excluding attachments) into your copy of the Project Bid Documents.

The following changes to the Project Documents and Specifications are issued by the Engineer and shall have the same force and effect as though part of the original issue:

A. Changes to the Project Documents and Specifications:

1. Bid Schedule **REPLACE** Bid Schedule Page BS-2 of 3 with Page BS-2 of 3 attached as **Attachment A** hereto.

**The only revision to this page was to remove “and conduit” from the work description for Additive Alternate No. 3.*

B. Changes to the Project Drawings:

1. Sheet S1 **REVISE** Mast Foundation Detail Notes, Note 3, as follows:

“Foundation design is based on sandy material with soil friction of 30 degrees, contractor to notify the engineer/AVCON if soil conditions differ. **Contractor required to have geotechnical engineer perform at least one penetration test to determine soil friction angle and provide a certified letter from a geotechnical engineer licensed in the state of Florida confirming that the soil friction angle is at least 30 degrees for the work area.**”
2. Sheet E1 **REVISE** Electrical Pole Grounding Detail, Ground Rod callout as follows:

“~~40~~ 50 ft. x 3/4” dia copper clad steel driven ground rod.”
3. Sheet E1 **ADD** under Electrical General Notes, Note 13 as follows:

“**Contractor shall provide minimum 36”x36”x36” H20 rated handhole(s) as required to accommodate directional drilling and conduit.**”
4. Sheet E1 **ADD** under Obstruction Light Note the following requirement:

“**Obstruction light shall be mounted on 1” RGS conduit pipe stem and shall be braced to meet wind loading requirements. Contractor shall coordinate obstruction light mounting with pole manufacturer.**”

5. Sheet E3

ADD General Note as follows:

“A section of sidewalk just south of Existing Panel “A” may need to be removed and replaced to install the conduit to Panel “A”. Costs associated with this work shall be included in the Base Bid.

C. Additional Information:

1. Responses to Questions Please find attached responses to plan-holder questions attached as **Attachment B** (2 pages) hereto.
2. Pre-Bid Conference Minutes Please find attached the Pre-Bid Conference Minutes and sign-in sheet attached as **Attachment C** (6 pages) hereto.

END OF ADDENDUM NO. 1

ADDITIVE ALTERNATE NO. 3 – LIGHT LOCATION 5

For all work required to perform the work in accordance with the construction drawings, specifications, and other contract documents, including all costs related to the work, and any required permits, taxes, bonds and insurance to include but not be limited to a new high mast light pole (Light Location 5), lights, foundation, cable and conduit, obstruction light, and incidental landscaping, the undersigned submits a total lump sum Additive Alternate No. 3 amount of:

TOTAL LUMP SUM ADDITIVE ALTERNATE NO. 3 BID AMOUNT (in words): _____

_____ Dollars and _____ cents

(\$ _____)
(amount in numbers)

ADDITIVE ALTERNATE NO. 4 – SURVEILLANCE CAMERA

For all work required to perform the work in accordance with the construction drawings (Sheets TY1 and TY2), specifications, and other contract documents, including all costs related to the work, and any required permits, taxes, bonds and insurance to include but not be limited to furnishing and installing a new surveillance camera on light pole at Light Location 1, installation of conduit and data cable to termination point inside County building (identified on Sheet TY1) adjacent to Light Location No. 1, the undersigned submits a total lump sum Additive Alternate No. 4 amount of:

TOTAL LUMP SUM ADDITIVE ALTERNATE NO. 4 BID AMOUNT (in words): _____

_____ Dollars and _____ cents

(\$ _____)
(amount in numbers)

BID SUMMARY (amount in numbers)

- (A) TOTAL BASE BID AMOUNT: \$ _____
- (B) TOTAL ADDITIVE ALTERNATE NO. 1 AMOUNT: \$ _____
- (C) TOTAL ADDITIVE ALTERNATE NO. 2 AMOUNT: \$ _____
- (D) TOTAL ADDITIVE ALTERNATE NO. 3 AMOUNT: \$ _____
- (E) TOTAL ADDITIVE ALTERNATE NO. 4 AMOUNT: \$ _____
- (F) TOTAL BID AMOUNT (A + B + C + D + E): \$ _____

Note: The successful bidder shall provide a detailed schedule of values to be used to evaluate percentage of completion during each pay application.

The Basis of Award shall be the total of the Base Bid and the combination of Additive Alternates ultimately awarded by the County.

The Bidder represents that it has examined the site of the Work and informed itself fully in regard to all conditions pertaining to the place where the work is to be done; that it has examined the plans and specifications for the work and other Contract Documents relative thereto and has read all of the Addenda

**Responses to Plan Holder Questions
CEW High Mast Light Replacement
(ITB AP 15-18)
February 21, 2018**

1. How is the obstruction light to be attached to the pole?

Response: Obstruction light shall be mounted on 1" RGS conduit pipe stem and shall be braced to meet wind loading requirements. Contractor shall coordinate obstruction light mounting with pole manufacturer. This clarification will be provided in Addendum No. 1.

2. Can you provide specs for handholes if needed for the directional drilled conduit?

Response: Contractor shall provide minimum 36"x36"x36" H20 rated handhole(s) as required to accommodate direction drilling. This clarification will be provided in Addendum No. 1.

3. Sheet S1 states contractor shall notify the engineer if soil conditions differ from a soil friction angle of 30 degrees? What geotechnical testing is required.

Response: Contractor required to have geotechnical engineer perform at least one penetration test to determine soil friction angle and provide a certified letter from a licensed geotechnical engineer in the state of Florida that the soil friction angle is at least 30 degrees for the work area. This clarification will be provided in Addendum No. 1.

4. Sheet E1 specifies a 10-ft ground rod but the specifications require a 5-ohm resistance. The ground rod will likely need to be longer than 10-ft to get a 5-ohm resistance.

Response: The ground rod note on the Electrical Pole Grounding Detail on Sheet E1 shall be revised from 10 ft to 50 ft depth in Addendum No. 1.

5. Can the contractor dispose of the excavated soil from the foundations onsite?

Response: Yes. Spoils from foundations can be deposited in the contractor's staging area protected by silt fence from which point County Maintenance personnel will re-use for localized erosion areas on the airfield or deposit in local borrow piles.

6. Will the County approve the EATON McGraw-Edison Galleon LED light fixture as an approved equal light fixture?

Response: This light fixture does not appear to cast as much light forward as the specified light fixture; therefore, this light fixture will not be considered an approved equal fixture. Additional light fixtures may be submitted and evaluated during the construction phase.

7. Will the County approve the Bright Light Systems NOVA HM LED light fixture as an approved equal light fixture?

Response: Not enough photometric information was provided to make a determination for this light fixture. This light fixture may be evaluated during the construction period once additional photometric information is provided.

8. Can the prime contractor apply the total contract amount toward the DBE goal if the prime contractor is DBE certified?

Response: Generally, the prime can take credit for all the work towards DBE goals unless they sub-contract work to non-DBE contractors. An excerpt from the US DOT is below.

The screenshot shows the Transportation.gov website. The header includes the logo and 'U.S. Department of Transportation', a search bar, and navigation links for 'About DOT', 'Our Activities', and 'Areas of Focus'. A left sidebar contains a menu with items like 'Office of Civil Rights', 'Disadvantaged Business Enterprise', 'Do You Qualify as a DBE?', 'Ready To Apply?', 'DBE Laws, Policy and Guidance', 'DBE Program Archives', and 'Search Decertified DBE's, Denials and DBE Appeal Decisions'. The main content area features the title 'Section 26.55 How Is DBE Participation Counted Toward Goals?' followed by two paragraphs of text. The right sidebar contains 'Related Links' with two links, 'Contact Us' with office address and phone/fax numbers, 'Business Hours', and social media sharing icons for Facebook, Twitter, Google+, and a plus sign.

Section 26.55 How Is DBE Participation Counted Toward Goals?

In a narrowly tailored program, it is important that DBE credit be awarded only for work actually being performed by DBEs themselves. The necessary implication of this principle is that when a DBE prime contractor or subcontractor subcontracts work to another firm, the work counts toward DBE goals only if the other firm is itself a DBE. This represents a change from the existing rule and the SNPRM, which said that all the work of a DBE's contract (implicitly including work subcontracted to non-DBEs) counts toward goals. A few comments urged such a change. The new language is also consistent with the way that the final rule treats goals for DBE prime contractors.

The value of work performed by DBEs themselves is deemed to include the cost of materials and supplies purchased, and equipment leased, by the DBE from non-DBE sources. For example, if a DBE steel erection firm buys steel from a non-DBE manufacturer, or leases a crane from a non-DBE construction firm, these costs count toward DBE goals. There is one exception: if a DBE subcontractor buys supplies or leases equipment from the prime contractor on its contract, these costs do not count toward DBE goals. Several comments from prime contractors suggested these costs should count, but this situation is too problematic, in our view, from an independence and commercially useful function (CUF) point of view to permit DBE credit.

Related Links

- Disadvantaged Business Enterprise Program
- Disadvantaged Business Enterprise Final Rule Index

Contact Us

Office of Small and Disadvantaged Business Utilization
 U.S. Department of Transportation
 1200 New Jersey Ave. SE
 W56-485
 Washington, DC 20590
 United States

Phone: 202-366-1930
 Alt: 800-532-1169
 Fax: 202-366-7228


Business Hours:
 8:30am-5:00pm ET, M-F

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MEMORANDUM

Date: February 12, 2018
To: File – 2017.050.06/Meetings
CC: Quinton Williams (FDOT), Meeting Attendees (noted on attached sheet)
From: John Collins, AVCON, Inc. (850-678-0050) 
Re: Minutes from Pre-Bid Conference on February 12, 2018
 CEW High Mast Light Replacement
 Bob Sikes Airport

MINUTES

A project Pre-Bid Conference was held on February 12, 2018 from 2:00 - 3:00 p.m. at 5551 John Givens Road, Crestview, Florida, Bob Sikes Airport with members from Okaloosa County Airports, Okaloosa County Purchasing, AVCON, and interested contractor representatives. A site visit was conducted following this meeting with all interested meeting attendees.

The following minutes represent a summary of the salient issues discussed. They are not intended to be a verbatim transcript of the meeting or a part of the contract documents. These minutes are for informational purposes only.

A copy of the meeting agenda and a list of meeting participants are attached. General introductions were made by Mr. Chad Rogers, Projects and GA Manager, with Okaloosa County Airports. John Collins, Project Manager for AVCON INC. followed the introduction with a review of the purpose of the meeting. The following items were discussed:

- **Initial Activities:** Contractor shall field verify all existing conditions. The initial site preparation shall include installation of silt fence and erosion control improvements.
- **Scope of Work:** This project consists of six new 55-ft tall high mast poles with lights and concrete foundations. Contractor shall remove existing poles but leave concrete foundations. The existing concrete foundations will be removed under a different contract. New cables in conduit shall be installed via directional drill and no pavement cuts will be allowed. Conduits may be trenched in non-pavement areas. Circuits for proposed Locations 1, 2, and 3 shall be run to existing panel “A” and Locations 4, 5, and 6 shall be run to existing panel “SL.” A photocell for each panel shall be provided. A new surveillance camera is proposed on the existing or proposed pole at Location 1.
- **Bid Schedule:** The Bid Documents consist of a Base Bid and four Additive Alternates. The Base Bid consists of Light Locations 3, 4, and 6 and associated foundations, conduit and cable, panel and breaker improvements, obstruction lights, incidental landscaping, and breaker, panel, and conduit improvements required to accommodate Light Locations 1, 2, and 5. Additive Alternate No. 1 consists of Light Location 2 to include foundation, obstruction light, and cable. Additive Alternate No. 2 consists of Light Location 1 to include foundation, obstruction light, and cable. Additive Alternate No. 3 consists of Light Location 5 to include foundation, obstruction light, and cable. Finally, Additive Alternate No. 4 consists of furnishing and installing a new surveillance camera on

CEW High Mast Light Pre-Bid Conference Minutes
Bob Sikes Airport, Crestview, Florida
February 12, 2018
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existing or proposed Light Location 1, and conduit and power/data cables to a termination point inside County building adjacent to Light Location 1.

- **Safety:** No smoking will be permitted inside of the airport fence and the contractor is responsible for restricting access through the gates to contractor personnel only. Gates shall remain closed unless attended by contractor personnel.
- **Staging & Dust Control:** Dust control is an important requirement of this project. The contractor shall minimize dust to protect equipment and operations in the vicinity. The contractor shall utilize the staging and stockpile locations indicated in the plans. The contractor shall be responsible for daily inspections to check for debris on access roads.
- **Bid Date:** Mr. Collins began a review of the administrative items. The bid date is Wednesday, February 28, 2018, until 2:00 p.m. central time at the County office in Crestview. Bids shall be sealed. Bids received after the specified time will not be considered. The bids will be opened and read aloud to all interested parties. Crestview is not a guaranteed next-day delivery location so bidders should plan accordingly.
- **Basis of Award:** The basis of award shall be the total of the Base Bid and combination of Additive Alternates ultimately awarded by the County.
- **Bid Documents:** The documents required to be submitted with the bid are listed in the Bid Form.
- **Low Bidder:** After the bid date, the County will meet with the low bidder to review its bid and determine if there are any issues that may require future change orders.
- **Bid Hold Period:** Bids will be valid for 60 days following the bid date. The County reserves the right to use this entire period prior to awarding the contract but is planning to issue NTP for construction as soon as possible.
- **Contract Time:** The contract time to substantial completion is 120 days and the contract time to final completion is 130 days.
- **Liquidated Damages:** Liquidated damages are included in the Okaloosa County Standard Clauses in the bid documents. The amount of these damages is dependent upon the contract amount.
- **Future Addenda:** An addendum will be issued to provide Pre-Bid Conference minutes and responses to contractor questions. Any changes to the bid documents will be included in a future addenda.
- **Insurance:** The Bid Documents require \$1M of general liability insurance. See Page BOC 4 of 7 for additional insurance requirements.
- **Disadvantaged Business Enterprise:** FDOT and County policies require a Disadvantages Business Enterprise participation goal of 11.065%. It is the contractor's responsibility to make a good faith effort to meet this goal.
- **E-Verify:** The contractor shall adhere to all E-Verify requirements as stated in the E-Verify Compliance Certification form which shall be completed and submitted with the bid.
- **Contractor Qualifications:** In accordance with Section 3 of the Instructions to Contractors Section, the General Contractor shall have prior experience during the last five (5) years with high mast light construction. This experience shall be required as a minimum qualification for this award. Failure to provide projects meeting this criteria with references in the Contractor's Qualification Questionnaire, Page CQQ 1 of 3, of the Bid Documents shall deem the contractor's proposal incomplete.

CEW High Mast Light Pre-Bid Conference Minutes
Bob Sikes Airport, Crestview, Florida
February 12, 2018
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- **Questions:** Mr. Collins explained the deadline for Contractor questions is close of business on Tuesday, February 20, 2018. Contractor questions shall be coordinated with the Okaloosa County Purchasing Department in writing.

END OF MINUTES

**CEW HIGH MAST LIGHT REPLACEMENT AT
BOB SIKES AIRPORT
Okaloosa County, Florida**

**PRE-BID CONFERENCE
February 12, 2018 – 2:00 pm CDT**

AGENDA

I. INTRODUCTION OF PARTICIPANTS

- A. Owner -** Okaloosa County
- B. Engineer-** AVCON, INC.
- C. Funding Agency -** Okaloosa County, Florida Department of Transportation (FDOT)

II. PURPOSE

To review project scope, clarify and explain the construction scope, procedures, and safety measures associated with the bidding documents, and to answer questions.

III. SCOPE OF WORK

A. Description of Project

- 1. General overview
- 2. Proposed improvements
 - a. Six new 55-ft tall high mast lights with concrete foundations
 - b. Existing poles and cable to be removed, foundations to remain
 - c. New circuits back to existing panels "A" or "SL"
 - d. Existing circuits must be maintained
 - e. All new conduit shall be directional drilled
 - f. Photocell controls obstruction and area light
 - g. Light and pole fixture schedules on E1
 - h. New surveillance camera
 - i. Bid schedules
 - i. Base Bid – locations 3, 4, and 6, conduit and pull-strings for locations 1, 2, and 5.
 - ii. Alternate No. 1 – Location 2 pole/light fixtures with wiring and breakers
 - iii. Alternate No. 2 – Location 5 pole/light fixtures with wiring and breakers
 - iv. Alternate No. 3 – Location 1 pole/light fixtures with wiring and breakers
 - v. Alternate No. 4 – Surveillance camera and associated low voltage work

B. Safety

- 1. Safety During Construction Plan:
 - a. Always leaves gates closed
 - b. No smoking inside fence
- 2. Dust and erosion control
- 3. Staging and access
- 4. No laydown on apron

IV. ADMINISTRATION

A. Project Schedule and Time

- 1. Bids due on Wednesday, February 28, 2018 until 2:00 pm local time at County office.
- 2. Meeting with Low Bidder to Review Bid
- 3. Contract Award
- 4. Duration and Time of Completion
- 5. Liquidated Damages
- 6. Contractor Qualifications

**Pre-Bid Conference: CEW High Mast Light Replacement
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B. Contract Documents

1. Lump Sum prices for the Base Bid and Alternates
2. Basis of Award
3. DBE Goal: 11.065%
4. \$1M general liability insurance, see Okaloosa County Standard Clauses, page 4 of 6.

C. Bidding Documents

- D. Contractor Questions** - Address in writing NLT close of business on Tuesday, February 20, 2018. ATTN: John Collins (jcollins@avconinc.com, 850-678-0040 fax, 850-678-0050 office)

V. QUESTIONS AND ANSWERS

PRE-BID CONFERENCE SIGN- UP SHEET

February 12, 2018 at 2:00 p.m. CDT

**CEW High Mast Light Replacement
Bob Sikes Airport**

NAME	REPRESENTING	TELEPHONE	E-MAIL ADDRESS
Jake Smith	Bill Smith Elect	8503242800	jake@billsmithelectric.com
Joshua Goodwin	SAMM Elect	850-865-6585	Admin@SAMMInc.com
Matthew Myers	Okaloosa City Purchasing	(850)689-5960	myers@co.okaloosa.fl.us
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