



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5855 Cargo Road
Orlando, Florida 32827

July 30, 2014

Mr. Pedro Blanco, Program Manager
Federal Aviation Administration
Orlando Airports District Office
5950 Hazeltine National Drive, Suite 400
Orlando, FL 32822

Subject: Rehabilitation of Taxiways – Phase I (Construction)
Orlando Executive Airport
FY 2014, Airport Improvement Program Application

Dear Mr. Blanco:

Enclosed please find a FY2014 Airport Improvement Program grant application for the above-referenced project at the Orlando Executive Airport.

The following items are enclosed for the above projects:

- ✓ Federal Assistance Request Checklist
- ✓ Standard Form 424 -- Application for Federal Assistance
- ✓ Detailed Project Information Sheet
- ✓ Individual Project Cost Breakdowns and Total Cost Summary (see Detailed Project Information Sheet)
- ✓ Bid Tabulation, low bidder's bid, Consultant proposals and Recommendations for Award **(Note: Ranger Construction Industries, Inc. was deemed non-responsive for not meeting the DBE goal and not providing good faith effort – new Avcon bid evaluation letter will be subsequently provided that provides a recommendation to the second low, The Middlesex Corporation)**
- ✓ Project Sketch
- ✓ Environmental Determination Documentation for each project
- ✓ Individual Project Schedule (see Detailed Project Information Sheet)
- ✓ Independent Cost Estimates – (see attached)
- ✓ Sponsor Certifications for Selection of Consultants, Project Plans and Specifications, Equipment/Construction Contracts and Drug-free Workplace

Based on the amount requested in our pre-application dated January 17, 2014, we are requesting an increase of \$963,713 due to geometry changes, additional project formulation and actual bids. We are requesting a Letter of Credit method of payment for this grant agreement. There have been no changes in our Exhibit "A" Property Map or Exhibit "C" Title Opinion since our last grant.

Sincerely,

Kathy Anderson
Manager of Contracts and Grants

Enclosures

cc w/enc.: Pam L'Heureux, Jacki Churchill, GOAA
Jim Wikstrom, FDOT
Project File
Grant File

**APPLICATION FOR
FEDERAL ASSISTANCE**

2. DATE SUBMITTED

7/30/14

Applicant Identifier

OEA 01-14A

1. TYPE OF SUBMISSION:

Application

☒ Construction☐ Non-Construction

Preapplication

☐ Construction☐ Non-Construction

3. DATE RECEIVED BY STATE

State Application Identifier

4. DATE RECEIVED BY FEDERAL AGENCY

Federal Identifier

5. APPLICANT INFORMATION

Legal Name:

City of Orlando

Organizational Unit:

Greater Orlando Aviation Authority

Organizational DUNS: 001323344

Address:

Street: One Jeff Fuqua Blvd.

Name and telephone number of person to be contacted on matters involving this application (give area code)

Prefix: Mr.

First Name: Stanley

City: Orlando

Middle Name: J.

County: Orange

Last Name: Thornton

State: Florida

Zip Code: 32827

Suffix:

Country: USA

Email: sthornton@goaa.org

6. EMPLOYER IDENTIFICATION NUMBER (EIN):

5 9 - 1 6 9 6 7 9 9

Phone number (give area code):

(407) 825-7826

Fax number (give area code):

(407) 855-3531

8. TYPE OF APPLICATION:

☒ New☐ Continuation☐ RevisionIf Revision, enter appropriate letter(s) in box(es):
(See back of form for description of letters)

Other (specify)

7. TYPE OF APPLICANT: (See back of form for Application Types)

☒ C

Other (specify)

9. NAME OF FEDERAL AGENCY

Federal Aviation Administration

10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER

2 0 - 1 0 6

TITLE:

11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:

Rehabilitation of Taxiways - Phase I (Construction),
Orlando Executive Airport

12. AREAS AFFECTED BY PROJECT (cities, counties, states, etc.):

City of Orlando, Orange, Osceola & Seminole Counties

13. PROPOSED PROJECT

Start Date

October, 2014

Ending Date

October, 2015

14. CONGRESSIONAL DISTRICTS OF

a. Applicant

Eighth

b. Project

Eighth

15. ESTIMATED FUNDING

a. Federal	\$	2,563,713	.00
b. Applicant	\$	144,842	.00
c. State	\$	140,015	.00
d. Local	\$.00
e. Other	\$.00
f. Program income	\$.00
g. TOTAL	\$	2,848,570	.00

16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS

☐ THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON

DATE:

b. No. ☒ PROGRAM IS NOT COVERED BY E. O. 12372
☐ OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW

17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?

☐ Yes If "Yes" attach an explanation☒ No

18. TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED

a. Authorized Representative

Prefix Mr.

First Name Stanley

Middle Name J.

Last Name Thornton

Suffix

b. Title Chief Operating Officer

c. Telephone number (give area code)

(407) 825-7826

d. Signature of Authorized Representative

e. Date Signed

7-30-14

Airport Improvement Program
Orlando Airports District Office
Federal Assistance Request Checklist

APPLICATION CHECKLIST

Airport:	Orlando Executive Airport
Sponsor:	City of Orlando/Greater Orlando Aviation Authority
City, State:	Orlando, Florida
Date of Application:	7/29/14

Cover Letter:

- ☐ Letter of Credit method of payment requested.
- ☐ Project(s) identified. (Any changes from previous meetings/discussions should be discussed prior to submission.)
- ☐ If pre-application, proposed application date identified.
- ☐ If application, any changes to requested amount are identified and reasons provided.
- ☐ If application, identify if any changes have taken place on Exhibit "A" Property Map since last grant.
- ☐ If application, identify if any changes have taken place on Exhibit "C" Title Opinion since last grant.

Application (Revise Pre-Application Documentation) :

- ☒ Standard Form 424 -- Application for Federal Assistance
- ☒ Detailed Project Information Sheet
- ☒ Individual Project Cost Breakdowns and Total Cost Summary
- ☒ Bid Tabulations and Recommendation for Award
- ☒ Project Sketch -- One for each or one drawing with all projects
- ☒ Environmental Determination Documentation for each project
- ☒ Individual Project Schedules
- ☐ Appraisals (Land Acquisition Projects)
- ☒ Independent Cost Estimates (Design Only or Construction Phase Services >\$100K)

Detailed Project Information Sheet
 Airport Improvement Program
 Grant Application
 OEA Rehabilitation of Taxiways – Phase I (Construction)

Airport : Orlando Executive Airport (ORL)
 City, ST: Orlando, Florida

Project Description: Rehabilitate portions of the existing taxiways as follows:

- Twy B, west end adjacent to North Ramp (section 105 in the 2012 FDOT Pvmnt Mgmt Study)
- Twy E, between RW 17-25 and Twy E5 (section 530 in the 2012 FDOT Pvmnt Mgmt Study)
- Twy E, along western edge of North Ramp (sections 545,550 in the 2012 FDOT Pvmnt Mgmt Study)
- Twy E6, north of RW 13-31(sections 815,820 in the 2012 FDOT Pvmnt Mgmt Study)

Project Justification: The existing taxiway pavements are deteriorated and in need of rehabilitation. The pavements were inspected in 2012 by Kimley-Horn and Associates on behalf of FDOT as part of the Statewide Airfield Pavement Management Program. The inspections were done in accordance with the FAA AC 150/5380-6B Guidelines and Procedures for Maintenance of Airport Pavements. In general, pavements with a PCI value between 40 and 70 are subject to a major rehabilitation, such as a mill and overlay. The results of the 2012 inspections indicated that the PCI value for these sections of taxiway E pavement ranged from 53-55. The portion of Taxiway B proposed to be rehabilitated had a PCI value of 69 but is in such a critical location that rehabilitation is required at this time. The PCI value of Taxiway E6 is at the low end of the satisfactory scale and ranged from 72-78. However, it's location at a runway end and recent indications of deterioration, make rehabilitation at this time necessary. Additionally, TW E6 geometry does not meet the current FAA standards in accordance with FAA AC 150/5300-13A. Based on the inspection and reasons as noted above, the pavements need to be rehabilitated at this time.

Project Costs:

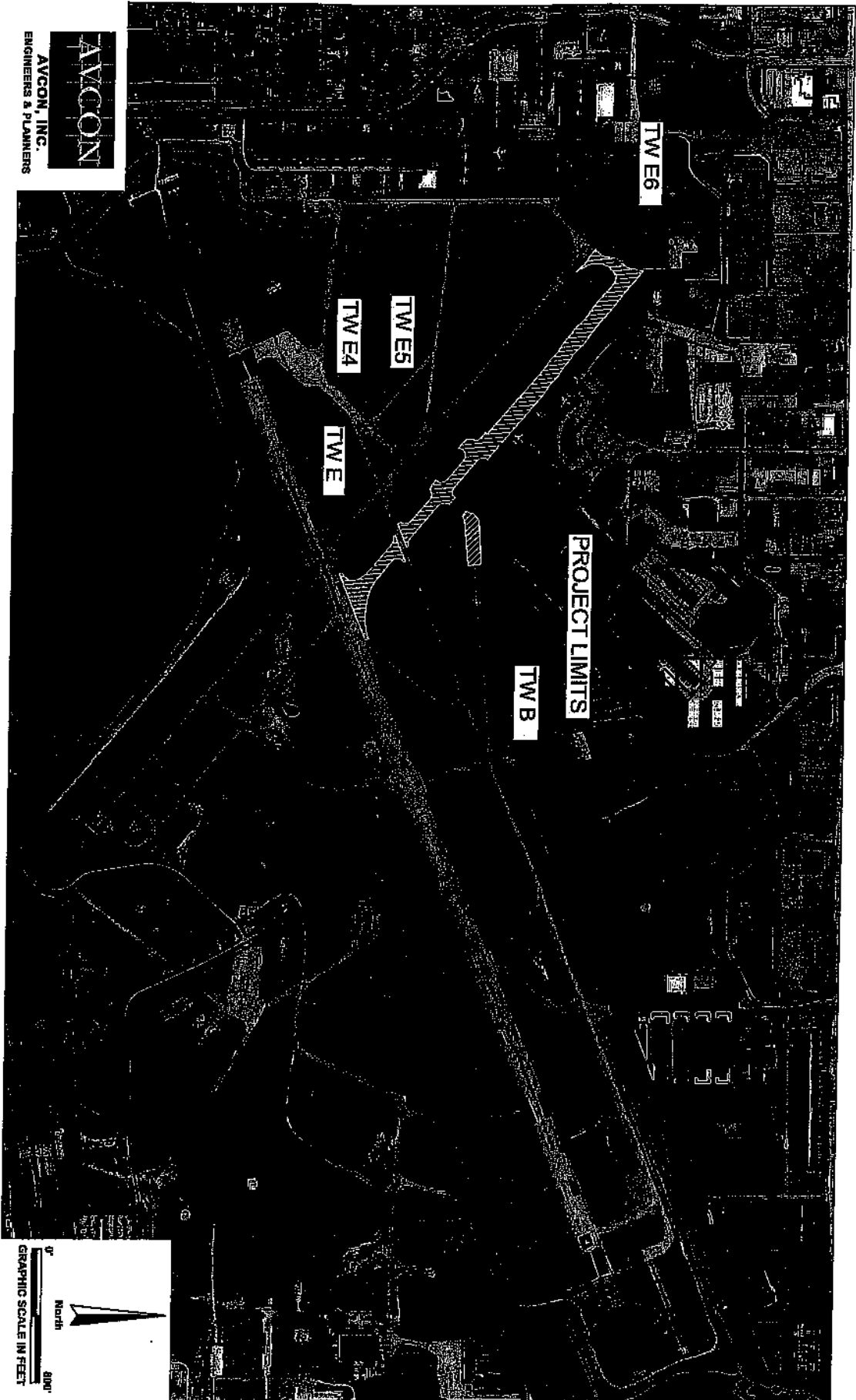
Construction	\$2,565,240
Construction Phase OAR Services, Survey, Testing	\$186,555
Designer's Construction Administration Services	\$ 44,506
Project Formulation (design modifications)	\$ 48,269
Administrative	<u>\$ 4,000</u>
Total:	\$2,848,570

Total Cost	FAA Share (90%)	State (5% less project formulation)	Local (5% inc. 10% project formulation)
\$2,848,570	\$2,563,713	\$140,015	\$144,842

Type of Funding Proposed		
NP2011	\$150,000	
NP2012	\$150,000	
NP2013	\$150,000	
NP2014	\$150,000	
Discretionary	\$1,963,713	
Total	\$2,563,713	

Schedule:

11/15/14 NTP
 03/31/15 Substantial Completion



AVCON
AVCON, INC.
ENGINEERS & PLANNERS

Exhibit B - OEA Scope of Work, BP-041

DETERMINATION OF ENVIRONMENTAL IMPACTS

Airport: Orlando Executive Airport (ORL)

Detailed Project Description (attach project drawing and additional pages as necessary):

3P-041, OEA Rehabilitation of Taxiways - Phase I

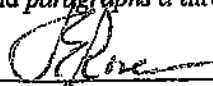
Is the proposed project(s) listed as categorically excluded in one or more of paragraphs 307-312 of FAA Order 1050.1E? Yes

Please identify which paragraph(s): 303b(4), 310c

In order for the FAA to determine the appropriate course of action, as a Categorical Exclusion, the sponsor must certify that the proposed action does **NOT** (1) involve any of the following circumstances, and does **NOT** (2) have a significant effect. A determination as to whether the proposed project (s) may have a significant environmental effect is made by considering any requirements applicable to the specific resource (see *FAA Order 1050.1E Appendix A*).

- a. Have an adverse effect on cultural resources protected under the *National Historic Preservation Act of 1966*, as amended.
- b. Have an impact on properties protected under *section 4(f) of the Department of Transportation Act*.
- c. Have an impact on natural, ecological (e.g. invasive species), or scenic resources of Federal, Tribal, State, or local significance (for example: Federally listed or proposed endangered, threatened, or candidate species or designated or proposed critical habitat under the *Endangered Species Act*), resources protected by the *Fish and Wildlife Coordination Act*; wetlands; floodplains; prime, unique, State or locally important farmlands; energy supply and natural resources; and wild and scenic rivers, including study or eligible river segments and solid waste management.
- d. Cause a division or disruption of an established community, or a disruption of orderly, planned development or an inconsistency with plans or goals that have been adopted by the community in which the project is located.
- e. Cause an increase in congestion from surface transportation (by causing a decrease in Level of Service below acceptable level determined by appropriate transportation agency, such as a highway agency).
- f. Have an impact on noise levels of noise-sensitive areas.
- g. Have an impact on air quality or violate local, State, or Federal air quality standards under the *Clean Air Act Amendments of 1990*.
- h. Have an impact on water quality, sole source aquifers, a public water supply system, or State or Tribal water quality standards established under the *Clean Water Act* and the *Safe Drinking Water Act*.
- i. Have effect(s) on the quality of the human environment that are likely to be highly controversial on environmental grounds. The term "controversial" means a substantial dispute exists as to the size, nature, or effect of a proposed Federal action. The effects of an action are considered highly controversial when reasonable disagreement exists over the project's risks of causing environmental harm. Opposition on environmental grounds by a Federal, state, or local government agency or by a Tribe or by a substantial number of the persons affected by the action should be considered in determining whether or not reasonable disagreement regarding the effects of a proposed action exists.
- j. Likelihood to be inconsistent with any Federal, State, Tribal, or local law relating to the environmental aspects of the proposed action.
- k. Likely to directly, indirectly, or cumulatively create a significant impact on the human environment, including, but not limited to, actions likely to cause a significant lighting impact on residential areas or commercial use of business properties, likely to cause a significant impact on the visual nature of surrounding land uses likely to be contaminated with hazardous materials based on Phase I or Phase II Environmental Due Diligence Audit (EDDA's), or likely to cause such contamination.

I certify that the project(s) described above meet(s) the test for a Categorical Exclusion in accordance with *FAA Order 1050.1E* and paragraphs a thru k above.


Signature of Authorized Airport Representative

1/17/13
Date

FAA Determination (by program manager signature):

Categorically Excluded: _____ Date: _____

Requires further environmental analysis: _____ Date: _____

ENVIRONMENTAL DETERMINATION CHECKLIST (FY 2013)

Airport: Orlando Executive Airport (ORL)
 Proposed Project(s): BP-041, OEA Rehabilitation of Taxiways - Phase I
 prepared and certified by: _____ Date: _____

	YES	NO	COMMENTS
IS THIS PROPOSED PROJECT LISTED AS	X		
CATEGORICALLY EXCLUDED IN FAA ORDER 1050.1E, paragraphs 307-312			Project will rehabilitate Taxiway B, E and E6
THIS PROPOSED PROJECT WILL AFFECT:			
Coastal Resources		X	
Section 4(f) Land		X	
Farmland		X	
Endangered or Threatened Species (Federal or State listed)		X	
Floodplains		X	
Hazardous Materials or Solid Waste Management		X	
Historic/Architectural, Archaeological/Cultural Resources		X	
Light Emissions or Cause Visual Impacts		X	
Natural Resources or Energy Supply		X	
Low Income or Minority Populations or Children		X	
Wetlands		X	
Wild and Scenic Rivers (study or eligible)		X	
THIS PROPOSED PROJECT IS LIKELY TO:			
Be highly controversial on environmental grounds including opposition by Federal, state, local, or Tribal or a substantial number of persons affected by the action.		X	
Be inconsistent with any Federal, State, or local law relating to the environmental aspects of the proposed action.		X	
Cause community disruption or inconsistency with plans or goals that have been adopted by the community		X	
Cause an increase of 1.5 DNL over noise sensitive areas		X	
Displace persons or businesses		X	
Disrupt local traffic patterns and substantially reduce levels of service (LOS) of roads serving the airport and surrounding communities		X	
Result in a substantial loss in community tax base		X	
Impact water quality, sole source aquifers, public water supply system, or state or tribal water quality standards		X	
Impact or violate local, state, Tribal, or Federal air quality standards		X	

Attach detailed comments for all "yes" answers on a separate sheet, and explain your justification for a request for a determination of Categorical Exclusion.



MARCHENA AND GRAHAM, PA

**MARCOS R. MARCHENA
KEITH A. GRAHAM
YOVANNIE R. STORMS
CHRISTOPHER J. WILSON**

**ANNE VAN DEN BERG
SHNNON M. WIGGINS**

**976 LAKE BALDWIN LANE, SUITE 101
ORLANDO, FLORIDA 32814-6687
TELEPHONE (407) 658-8566
TELECOPIER (407) 281-8564**

**ATTORNEY'S E-MAIL: YSTORMS@MGFIRM.COM
ASSISTANT'S E-MAIL: MMORENO@MGFIRM.COM**

TO: Michelle Tatom, Director Office of Small Business Development
Greater Orlando Aviation Authority
5850 Cargo Road
Orlando, FL 32827

CC: Stanley J. Thornton, Chief Operating Officer
Davin Ruohomaki, Senior Director-Planning, Design and Construction
Marcos R. Marchena, Esq.

FROM: Yovannie R. Storms, Esq.

DATE: July 29, 2014

RE: BP-041, Rehabilitation of Taxiways, Orlando Executive Airport

On July 15, 2014 three (3) bids were received for BP-041, Rehabilitation of Taxiways, Orlando Executive Airport. The Aviation Authority established a DBE participation goal of 16% for the project. The bids were ranked as follows:

<u>Bidder</u>	<u>DBE participation proposed</u>
Ranger Construction Industries, Inc.	8.9%
The Middlesex Corporation	7.4%
Hubbard Construction Company	4.7%

It should be stated that none of the bidders attained the DBE participation as established by the Aviation Authority's DBE goal for this project. I have been asked to analyze whether evidence of good faith efforts submitted by each bidder rises to the level of meeting the federal requirements for good faith efforts.

The Aviation Authority must determine whether the bidder made a good faith effort to satisfy the DBE participation goal as set by the Aviation Authority. The standard contained in 49 CFR Part 26 (Appendix A) states:

The bidder must show that it took all necessary and reasonable steps to achieve a DBE goal... which by their scope, intensity and appropriateness to the objective, could reasonably be expected to obtain sufficient DBE participation, even if not fully successful...

Mere pro forma efforts are not good faith efforts to meet the DBE contract requirements.

Guidelines for determining whether a proposer has made sufficient good faith efforts are well established in 49 CFR Part 26, Section XV and Appendix A of the Aviation Authority's DBE Policy. Section 49 CFR Part 26 Appendix A which establishes these guidelines is attached hereto as Appendix "A" for your review. These include a variety of efforts such as advertising and call and fax logs to DBEs, as well as intensity of efforts such as whether the bidder divided the work portion of the contract in such a way as to enable DBEs to participate in a way that makes it feasible to achieve the stated 16% goal.

Ranger Construction Industries, Inc. ("Ranger")

Ranger submitted a DBE participation amount of approximately 8.9%. When asked by the Office of Small Business Development to submit its good faith efforts, Ranger submitted an updated Section 00303- Exhibit C form which attempted to provide additional DBE participation. The Aviation Authority does not permit changing or supplementing a bid once the bids are due. Ranger did not meet the DBE goal and did not provide evidence of good faith efforts to do. As such, Ranger should be deemed non-responsive.

The Middlesex Corporation ("Middlesex")

Middlesex submitted a DBE participation amount of 7.4%. During the course of the customary review of the bid submittals it was determined that two (2) DBE subcontractors included on Middlesex's bid, Garrard Framing & Drywall Inc. and Ango, Inc. are not certified DBEs in the State of Florida and as such their DBE contributions towards the project are excluded from Middlesex's total DBE participation.

As part of its good faith effort evidence, Middlesex submitted evidence of its advertisement in the Orlando Sentinel and a contact log which includes an email blast of June 26, 2014 to approximately 37 companies, of which approximately 18 of them

were DBEs. The contact list additionally details follow up phone calls, emails, as well as contains information regarding whether the company submitted a bid or declined to bid. The contact log also provides details as to the categories of businesses contacted. Middlesex contacted 15 different categories of companies which is evidence that Middlesex attempted to divide the work into many smaller parts in order to encourage DBE participation. Middlesex also provided evidence that it conducted a vendor search on myfloridamarketplace.com as well as a Florida UCP. The Florida UCP search returned 5 of the DBE subcontractors Middlesex included in its bid. Middlesex also provided evidence that it followed up with emails to 2 companies on Monday July 14, 2014, the day before the bid was due in an attempt to increase participation. Both of these companies declined to bid. Middlesex provided evidence that it received 2 quotes from DBEs for surveying services and included one of them in its bid.

It should be noted that as part of its good faith evidence, Middlesex submitted a copy of Garrard Framing & Drywall, Inc.'s State of Florida Minority, Woman & Florida Veteran Business Certification. Since this certification does not qualify for DBE status, no credit is given for this document.

Although ideally, more evidence could have been provided as to Middlesex's intense efforts to attain the participation after the initial email blast and follow ups did not yield the prescribed participation amount, it is evident that Middlesex knew of its shortcomings and attempted to correct them when on July 14, 2014, the day before the bids were due it attempted to increase participation by following up with 2 additional companies. It is unfortunate that this effort did not produce more DBE participation.

In light of the evidence stated above as well as the fact that none of the bidders were able to attain the DBE participation, Middlesex provided evidence of its good faith effort to attain the Aviation Authority's DBE participation goal and should be deemed responsive with respect to this issue.

Hubbard Construction Company ("Hubbard")

Hubbard submitted a DBE participation amount of approximately 4.7% of the total contract. During the course of the customary review of the bid submittals it was determined that three (3) DBE subcontractors included on Hubbard's bid, WBE Environmental, Aero Photo, and Siboney are not certified DBEs in the State of Florida and their contribution towards the project are excluded from Hubbard's total DBE participation amount.

In this instance, Hubbard submitted proof of an advertisement in the Orlando Sentinel, proof of contacting the Florida Minority Supplier Development Corporation and evidence of a facsimile blast dated July 2, 2014. There is no evidence of follow up phone calls or emails. There is no evidence of Hubbard attempting to divide up the work in order

to encourage small business participation or anything other than pro-forma efforts. Hubbard did not provide sufficient evidence of its efforts to attain DBE participation on the contract.

Based on the foregoing, Hubbard failed to meet the DBE goal and failed to show evidence of good faith efforts to satisfy the DBE participation goal in connection with this contract and should be deemed non-responsive.




GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: Members of the Construction Committee

From: Tuan Nguyen 

Date: July 23, 2014

Re: Request for Consideration of Award of BP-041 OEA Rehabilitation of Taxiways - Phase 1 Orlando Executive Airport

The above-referenced project consists of the rehabilitation of the existing asphalt pavement (mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B. In addition, the project consists of the reconstruction and realignment of Taxiway E6 and associated grading.

On July 15, 2014, bids were received as follows:

CONTRACTOR	BID TOTAL
Ranger Construction Industries, Inc.	\$2,307,163.45 *
The Middlesex Corporation	\$2,565,240.86
Hubbard Construction Company	\$3,164,172.78 *
Latest Engineer's Estimate:	\$2,115,725.00

* The bid from Hubbard Construction Company did not include pages 9 and 10 of their bid form. The total bid price noted above was taken from their Total Bid Price line which was not able to be verified. The missing pay item information was not requested because Hubbard did not appear to be the low bidder.

The DBE participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

GOAA expects receiving grants from the FAA and the FDOT. GOAA has submitted a pre-application to the FAA and the FDOT In January 2014. The final application will be submitted once the Construction Committee approves this request. Funding will be from the FAA and FDOT grants and OEA Revenue Fund. Funding source verified by James Cheureus of Construction Finance on 7/25/14 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Authority Board: 1) Deeming the bid from Hubbard Construction Company non-responsive, and 2) Approval of an award of the above-referenced project to the lowest responsive bidder contingent upon the following:

1. Receiving the FAA and FDOT grants
2. Receiving approval for OEA Revenue Fund
3. DBE determination and recommendation from the GOAA Office of Small Business Development.



AVCON, INC.
ENGINEERS & PLANNERS

5555 E Michigan Street, Suite 200
Orlando, Florida 32822
Phone: (407) 599-1122
Fax: (407) 599-1133
www.avconinc.com

V:\2013\2013.070.04 - OEA BP-041, Rehabilitation of Taxiway E and Related
Work\2013.070.04 - Bidding\Award\BP-041 Bid Award Letter 7-23-14.doc

July 23, 2014

Mr. Tuan Nguyen, P.E.
Senior Project Manager -- Engineering
Greater Orlando Aviation Authority
Engineering and Construction
5855 Cargo Road
Orlando, FL 32827-4399

Reference: Recommendation of Award
OEA Rehabilitation of Taxiways - Phase I
Bld Package No. BP-041
Orlando Executive Airport (OEA)

Dear Mr. Nguyen:

On July 15, 2014 at 2PM, the Authority received bids on the above-noted project. A total of three (3) bids were received and opened. The following is a summary of the bids received:

Contractor	Bld Total
Ranger Construction Industries, Inc.	\$2,307,163.45
The Middlesex Corporation	\$2,565,240.86
Hubbard Construction Company	\$3,164,172.78*
Engineer's Estimate	\$2,115,725.00

**Hubbard's package erroneously omitted pages 9 and 10 of their bid form. The total noted above was taken from the Total line which was not able to be verified. However, Hubbard was not the low bidder, therefore, the remainder of the pay item information was not requested.*

The low bidder is Ranger Construction Industries, Inc., whose Bid Total is \$2,307,163.45, or 9.17% above the final Engineer's Estimate of construction costs.

Therefore, notwithstanding the Authority's review of the DBE documentation and recommendations by the Small Business Department as well as the Authority's Legal Counsel, **AVCON** recommends Award of the Contract to **Ranger Construction Industries, Inc.** for the total amount of **\$2,307,163.45**, subject to FAA eligibility and the availability of funding.

Mr. Tuan Nguyen, P.E.
Recommendation of Award
OEA Rehabilitation of Taxiways – Phase I
Bid Package No. BP-041
Orlando Executive Airport
July 23, 2014
Page 2 of 2

We have discussed the bid with Ranger and they are fully committed to their bid and confident about executing the work. A Letter of Affirmation from Ranger is being sent to the Authority under separate cover. In addition, based on our previous experience working with the Contractor and the Contractor's project manager on similar projects at Florida airports, as well as their successful completion of projects for the Authority in the past, we have no reservations about the capabilities of **Ranger Construction Industries, Inc.** to accomplish the project successfully.

We stand ready to assist the Authority in the implementation of this project. Should you have any questions or require additional information, please do not hesitate to call.

Sincerely,

AVCON, INC.

A handwritten signature in black ink, appearing to read "Hilary W. Maull". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Hilary W. Maull, P.E.
Project Manager

Attachments

c: Steve Pue, Senior Project Manager – Construction






**ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I**

BID SUMMARY

	ENGINEER'S ESTIMATE	RANGER CONSTRUCTION INDUSTRIES, INC.	THE MIDDLESEX CORPORATION	HUBBARD CONSTRUCTION COMPANY
BID TOTAL	\$2,115,725.00	\$2,307,163.45	\$2,565,240.86	\$3,164,172.78

July 15, 2014

Bidding Contractors	Addendum No. 1	Addendum No. 2	Addendum No. 3		Exhibit C - DBE (00303)	Qualifications Statement (00309)	Bidder's Contractor's License	Non-Segregated Facilities (00320)	Bid Bond (00340)	Bid Bond Power of Attorney (Surety & Fla. Agent) (00340)	Certificate of Corporate Principle (00360)	Good-Faith Effort Required	Total Bid Price
Ranger Construction Industries, Inc.	X	X	X		X	X	X	X	X	X	X		\$ 2,307,163.45
The Middlesex Corporation	X	X	X		X	X	X	X	X	X	X	X	\$ 2,565,240.86
Hubbard Construction Company	X	X	X		X	X	X	X	X	X	X	X	\$ 3,164,172.78
Designer's Estimate: \$													2,116,000.00

GOAA Sr. Project Manager: 
 Design Consultant (Avcon, Inc.): 
 OAR (URS Corporation): 
 HARD COPY
 Peggy Siddmore (All Original Bids, Bid Tab & 1 Copy of Apparent Low Bid)
 Sandra Jackson (Bid Tab & 1 Copy of All Bids)
 Project File (Bid Tab Only)
 VIA EMAIL (PDF of Bid Tab & All Bids)
 Devin Ruchomaki / Mike Patterson / Michelle Talom
 John Carlson / Greg Watson
 Mark Binkbeak / Tuan Nguyen
 Tammy Epling / Kathy Andersen
 GOAA Senior Project Manager (SPM)
 Legal Counsel (Robert Allert, B&C and Yoramla Storms, M&G)
 AVE and OAR
 NOTE: If PDF too large to e-mail, then e-mail bid tab only, and hard copy of all bids to GOAA SPM, Legal Counsel, AVE, and OAR.



ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I

BID TABULATION

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		RANGER CONSTRUCTION INDUSTRIES, INC.		THE MIDDLESEX CORPORATION		HUBBARD CONSTRUCTION COMPANY	
					UNIT COST	EXTENSION	UNIT COST	EXTENSION	UNIT COST	EXTENSION	UNIT COST	EXTENSION
1	M-101-1	Modification	LS	1	\$200,000.00	\$200,000.00	\$220,070.00	\$220,070.00	\$256,000.00	\$256,000.00	\$311,000.00	\$311,000.00
2	M-102-1	Safety, Security and Maintenance of Traffic	LS	1	\$50,000.00	\$50,000.00	\$54,960.00	\$54,960.00	\$108,000.00	\$108,000.00	\$351,653.00	\$351,653.00
3	M-102-2	Safety Plan Compliance Document (SPCD)	LS	1	\$5,000.00	\$5,000.00	\$2,540.00	\$2,540.00	\$18,000.00	\$18,000.00	\$5,000.00	\$5,000.00
4	M-102-3	Portable Runway Closure Markers, "X'S" (TWO)	LS	1	\$50,000.00	\$50,000.00	\$43,500.00	\$43,500.00	\$55,000.00	\$55,000.00	\$50,000.00	\$50,000.00
5	P-100-1	Construction Survey	LS	1	\$20,000.00	\$20,000.00	\$63,640.00	\$63,640.00	\$115,000.00	\$115,000.00	\$120,000.00	\$120,000.00
6	P-101-1	Full-Depth Full-Strength Asphalt Taxiway Pavement Structure Removal	SY	2,500	\$2.50	\$6,250.00	\$4.95	\$12,375.00	\$11.00	\$27,500.00	\$11.94	\$29,850.00
7	P-101-2	Full-Depth Asphalt Shoulder Pavement Structure Removal	SY	4,800	\$2.00	\$9,600.00	\$2.85	\$13,680.00	\$6.00	\$28,800.00	\$9.25	\$44,400.00
8	P-104-1	Erosion Control & Pollution Abatement	LS	1	\$10,000.00	\$10,000.00	\$5,385.00	\$5,385.00	\$20,000.00	\$20,000.00	\$94,000.00	\$94,000.00
9	P-105-1	Bluminous Pavement Milling - 1.5"	SY	850	\$2.00	\$1,700.00	\$1.75	\$1,487.50	\$3.00	\$2,550.00	\$10.01	\$8,509.50
10	P-150-2	Bluminous Pavement Milling - 2"	SY	18,000	\$2.50	\$45,000.00	\$2.65	\$47,700.00	\$3.00	\$54,000.00	\$6.04	\$108,720.00
11	P-150-3	Bluminous Pavement Milling - 4"	SY	5,200	\$2.00	\$10,400.00	\$5.45	\$28,360.00	\$4.00	\$20,800.00	\$7.23	\$37,596.00
12	P-182-1	Unclassified Excavation	CY	5,000	\$7.00	\$35,000.00	\$8.95	\$44,750.00	\$10.31	\$51,550.00	\$16.59	\$82,650.00
13	P-182-2	Shipping and Stockpiling - 6"	SY	4,500	\$4.00	\$18,000.00	\$2.05	\$9,225.00	\$2.50	\$11,250.00	\$1.82	\$8,100.00
14	P-219-1	Recycled Aggregate Concrete Base Course (6" Thick)	SY	8,000	\$15.00	\$120,000.00	\$5.25	\$42,000.00	\$8.98	\$71,840.00	\$8.85	\$69,200.00
15	P-219-2	Recycled Aggregate Concrete Base Course (10" Thick)	SY	3,500	\$18.00	\$63,000.00	\$7.30	\$25,550.00	\$22.00	\$77,000.00	\$16.37	\$57,295.00
16	P-341-1	Geosynthetic Pavement Interlayer	SY	1,150	\$5.00	\$5,750.00	\$10.20	\$11,730.00	\$14.00	\$16,100.00	\$26.30	\$30,245.00
17	P-401SP-1	Bluminous Surface Course - Superpave	TON	5,500	\$115.00	\$632,500.00	\$122.20	\$672,100.00	\$124.00	\$682,000.00	\$157.41	\$865,765.00
18	P-602-1	Bluminous Prime Coat	GAL	5,100	\$2.50	\$12,750.00	\$4.20	\$21,420.00	\$2.46	\$12,546.00	\$1.33	\$6,783.00
19	P-605-1	Rout, Clean, and Seal Existing Asphalt Crack	LF	1,000	\$2.00	\$2,000.00	\$5.75	\$5,750.00	\$6.50	\$6,500.00	\$23.26	\$23,260.00
20	P-620-1	Permanent Runway/Taxiway Paint - With Reflective Beads (Yellow, White, and Red)	SF	11,800	\$11.80	\$139,360.00	\$2.85	\$33,630.00	\$3.25	\$38,350.00	\$2.55	\$30,090.00
21	P-620-2	Permanent Runway/Taxiway Paint - Without Reflective Beads (Black)	SF	21,850	\$0.50	\$10,925.00	\$0.85	\$18,572.50	\$1.25	\$27,312.50	\$0.75	\$16,387.50
22	P-620-3	Marking Removal	SF	9,300	\$2.00	\$18,600.00	\$2.65	\$24,555.00	\$2.25	\$20,725.00	\$2.55	\$23,715.00
23	P-620-4	Temporary Paint	LF	1,500	\$2.50	\$3,750.00	\$4.80	\$7,200.00	\$5.50	\$8,250.00	\$4.40	\$6,600.00
24	T-904-1	Scolding	SY	7,400	\$2.00	\$14,800.00	\$3.05	\$22,570.00	\$2.50	\$18,500.00	\$4.57	\$33,818.00
25	L-104-1	Temporary Power & Temporary Airfield Lighting/Signage/ Navigational Facilities	LS	1	\$10,000.00	\$10,000.00	\$16,990.00	\$16,990.00	\$50,000.00	\$50,000.00	\$15,151.52	\$15,151.52
26	L-105-1	Electrical Demolition	EA	4	\$500.00	\$2,000.00	\$226.55	\$906.20	\$300.00	\$1,200.00	\$30,303.03	\$30,303.03
27	L-105-2	Additionally Designated Removal of Existing Light Base	EA	1	\$1,000.00	\$1,000.00	\$339.80	\$339.80	\$270.00	\$270.00	\$450.00	\$450.00
28	L-105-3	Existing Unforeseen or Unanticipated Item requiring demolition less than 125 cubic feet in size	EA	1	\$2,000.00	\$2,000.00	\$566.35	\$566.35	\$1.20	\$45,600.00	\$22,500.00	\$22,500.00
29	L-105-4	Existing Unforeseen or Unanticipated Item requiring demolition greater than 125 cubic feet but less than 250 cubic feet in size	EA	1	\$2,000.00	\$2,000.00	\$566.35	\$566.35	\$1.20	\$45,600.00	\$22,500.00	\$22,500.00
30	L-106-1	1/2" L-824 Type C Unshielded #8 AWG 3KV Stranded Copper Cable, Installed in Duct or Conduit	LF	39,000	\$2.00	\$78,000.00	\$1.45	\$56,100.00	\$1.20	\$45,600.00	\$22,500.00	\$22,500.00
31	L-108-2	1/2" #2 AWG Solid Copper Counterpoise Wire, Installed over Duct or Conduit	LF	9,000	\$2.25	\$20,250.00	\$3.15	\$28,350.00	\$2.50	\$22,500.00	\$80.00	\$80.00
32	L-108-3	0.75" Diameter by 10.00' Long Copper Clad Steel Sectional Ground Rod	EA	375	\$100.00	\$37,500.00	\$101.95	\$38,231.25	\$80.00	\$30,000.00	\$30,303.03	\$30,303.03

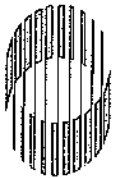
UNIT COSTS FOR
INDEX NOS. 27-38
NOT AVAILABLE AS
PAGES 9 AND 10
NOT WITH BID PROPOSAL



BP-041, OEA REHABILITATION OF TAXIWAYS - PHASE I
BID TABULATION
(continued)

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	ENGINEER'S ESTIMATE		RANGER CONSTRUCTION INDUSTRIES, INC.		THE MIDDLESEX CORPORATION		HUBBARD CONSTRUCTION COMPANY	
					UNIT COST	EXTENSION	UNIT COST	EXTENSION	UNIT COST	EXTENSION	UNIT COST	EXTENSION
33	L-110-1	1 Way 2" Schedule 40 PVC Direct Earth Buried	LF	2,800	\$4.00	\$11,200.00	\$3.50	\$9,800.00	\$2.80	\$7,840.00		
34	L-110-2	1 Way 2" Schedule 40 PVC Concrete Encased Duct	LF	4,500	\$10.00	\$46,000.00	\$16.35	\$72,910.00	\$13.50	\$62,100.00		
35	L-110-3	2 Way 2" Schedule 40 PVC Concrete Encased Duct	LF	20	\$10.00	\$200.00	\$16.25	\$325.00	\$15.00	\$300.00		
36	L-110-4	2 Way 4" Schedule 40 PVC Concrete Encased Duct	LF	410	\$25.00	\$10,250.00	\$28.30	\$11,603.00	\$22.50	\$9,225.00		
37	L-110-5	4 Way 4" Schedule 40 PVC Concrete Encased Duct	LF	550	\$40.00	\$22,000.00	\$45.30	\$24,915.00	\$36.00	\$19,800.00		
38	L-110-6	6 Way 4" Schedule 40 PVC Concrete Encased Duct	LF	60	\$65.00	\$3,900.00	\$67.95	\$4,077.00	\$54.00	\$3,240.00		
39	L-110-7	1 Way 4" PVC Split Duct Concrete Encased	LF	100	\$25.00	\$2,500.00	\$20.40	\$2,040.00	\$16.00	\$1,600.00		
40	L-115-1	Existing Aircraft Raised Electrical Manhole/Junction Structure Elevation Adjustment up to and including 5'5" inside manhole dimension	EA	8	\$4,000.00	\$32,000.00	\$11,325.00	\$90,600.00	\$9,000.00	\$72,000.00		
41	L-115-2	Existing Aircraft Raised Electrical Manhole/Junction Structure Elevation Adjustment greater than 5'5" inside manhole dimension	EA	4	\$4,000.00	\$16,000.00	\$13,560.00	\$54,240.00	\$11,000.00	\$44,000.00		
42	L-115-3	Mowing Apron	EA	4	\$1,000.00	\$4,000.00	\$756.25	\$2,945.00	\$800.00	\$3,200.00		
43	L-115-4	Transitional Apron	EA	4	\$1,500.00	\$6,000.00	\$1,076.00	\$4,304.00	\$900.00	\$3,600.00		
44	L-125-1	L-850C Runway Edge Light - Clear/Clear (EE)	EA	2	\$2,000.00	\$4,000.00	\$880.00	\$1,760.00	\$550.00	\$1,100.00		
45	L-125-2	L-850(L) Sign - Single/Double Face, LED, Size 2 - 1 Module	EA	1	\$3,800.00	\$3,800.00	\$4,077.50	\$4,077.50	\$3,300.00	\$3,300.00		
46	L-125-3	L-850(L) Sign - Single/Double Face, LED, Size 2 - 2 Module	EA	3	\$6,500.00	\$19,500.00	\$6,323.50	\$18,970.50	\$4,300.00	\$12,900.00		
47	L-125-4	L-850(L) Sign - Single/Double Face, LED, Size 2 - 3 Module	EA	20	\$9,000.00	\$180,000.00	\$7,022.50	\$140,450.00	\$5,700.00	\$114,000.00		
48	L-125-5	L-850(L) Sign - Single/Double Face, LED, Size 2 - 4 Module	EA	3	\$10,000.00	\$30,000.00	\$8,560.00	\$25,680.00	\$2,500.00	\$7,500.00		
49	L-125-6	L-858 Sign - Single Face, Non-Illuminated, Style 4	EA	6	\$2,500.00	\$15,000.00	\$3,060.00	\$18,360.00	\$2,500.00	\$15,000.00		
50	L-125-7	L-861T(L) Omnidirectional, Blue, LED, Taxiway Edge Light (N/A)	EA	99	\$1,200.00	\$118,800.00	\$862.75	\$85,412.25	\$800.00	\$79,200.00		
51	L-125-8	L-861T(L) Omnidirectional, Blue, LED, Taxiway Edge Light (T)	EA	16	\$1,000.00	\$16,000.00	\$893.50	\$14,296.00	\$700.00	\$11,200.00	\$787.88	\$12,608.08
52	L-125-9	L-862 Runway Edge Light, (EN)	EA	1	\$1,200.00	\$1,200.00	\$834.30	\$834.30	\$510.00	\$510.00	\$565.66	\$565.66
53	L-125-10	L-862E Runway Threshold Light - Green/Red, (EN)	EA	4	\$1,200.00	\$4,800.00	\$694.30	\$2,777.20	\$510.00	\$2,040.00	\$695.66	\$2,782.64
54	L-125-11	L-867B, 3'x4' Galvanized Steel Blank Cover (E)	EA	6	\$500.00	\$3,000.00	\$339.80	\$2,038.80	\$280.00	\$1,680.00	\$303.03	\$1,818.18
55	L-125-12	Field Lighting Armature Assembly	EA	8	\$750.00	\$6,000.00	\$606.15	\$4,849.20	\$720.00	\$5,760.00	\$908.08	\$7,264.64
56	L-125-13	Junction Can Plaza - Two Can	EA	2	\$3,000.00	\$6,000.00	\$4,303.00	\$8,606.00	\$3,500.00	\$7,000.00	\$3,838.38	\$7,676.76
57	L-125-14	Junction Can Plaza - Four Can	EA	5	\$6,000.00	\$30,000.00	\$7,360.00	\$36,800.00	\$6,000.00	\$30,000.00	\$6,565.66	\$32,828.30
58	L-125-15	Junction Can Plaza - Six Can	EA	1	\$8,000.00	\$8,000.00	\$11,325.00	\$11,325.00	\$6,000.00	\$6,000.00	\$10,101.01	\$10,101.01
BID TOTAL						\$2,115,725.00		\$2,307,163.45		\$2,565,240.86		\$3,164,172.78

UNIT COSTS FOR
INDEX NO'S. 27-58
NOT AVAILABLE AS
PAGES 9 AND 10
NOT WITH BID PROPOSAL



**ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I**

BID SUMMARY

	ENGINEER'S ESTIMATE	RANGER CONSTRUCTION INDUSTRIES, INC.	THE MIDDLESEX CORPORATION	HUBBARD CONSTRUCTION COMPANY
BID TOTAL	\$2,115,725.00	\$2,307,163.45	\$2,565,240.86	\$3,164,172.78

July 15, 2014

SECTION 00300 - BID FORM

ORIGINAL

**BID
FOR THE GREATER ORLANDO AVIATION AUTHORITY**

Submitted By: The Middlesex Corporation
(Bidder's Name)

Date: July 15, 2014

The undersigned, as Bidder, hereby declares that the only person or persons interested in this Bid as principal or principals is or are named herein and that no person other than herein mentioned has any interest in this Bid or in the Contract to be entered into; that this Bid is made without connection with any other person, company or parties making a Bid; and that it is in all respects fair and in good faith without collusion or fraud. Bidder represents to the Owner that, except as may be disclosed in an Addendum hereto, no person who is presently (or for Contracts which are being funded in whole or in part by the Florida Department of Transportation, who has within the past year been) an officer, employee or agent of the Authority has any interest, either directly or indirectly, in the business of the Bidder to be conducted under this Contract, and that no such person shall have any such interest at any time during the term of the Contract, should it be awarded the Bidder.

The Bidder further 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 furnished prior to the opening of the Bids, as acknowledged below; and that it has otherwise fully informed itself regarding the nature, extent, scope and details of the Work to be performed.

If provided with a Notice of Intent to Award the Contract by the Owner, the Bidder shall execute and deliver to the Owner all of the documents required by the Contract Documents, including but not limited to, the Contract Agreement and the Performance and Payment Bonds in the form contained in the Contract Documents, furnish the required evidence of the specified insurance coverages, furnish all necessary permits, licenses, materials, equipment, machinery, maintenance, tools, apparatus, means of transportation and labor necessary to complete the Work provided for in the Contract Documents for "Bid Package BP-041, OEA Rehabilitation of Taxiways - Phase 1, Orlando Executive Airport," Orlando, Florida.

The Bidder shall commence work specified herein within the time limits set forth in the General Provisions, Section 20, Bid Requirements and Conditions, which time limits the Bidder acknowledges are reasonable.

If the Bidder improperly withdraws its Bid or fails to execute and deliver to the Owner any of the documents required by the Contract Documents, within ten (10) days after the date of the Notice of Intent to Award, the Owner may seek recourse against the Bid Guaranty as provided for in the Contract Documents.

If the Bidder fails to complete the Work within the scheduled time or any authorized extension thereof, liquidated damages, in accordance with the Contract Documents, shall be deducted from the Total Contract Price.

Acknowledgment is hereby made of the following Addenda (identified by number) received since issuance of the Plans and Specifications:

ADDENDA	DATE
1	06/30/14
2	07/03/14
3	07/10/14

ADDENDA	DATE

EQUAL OPPORTUNITY REPORT

The Bidder shall complete the following statement by checking the appropriate space.

The Bidder has X has not participated in a previous contract subject to the equal opportunity clause prescribed by Executive Order 10925, or Executive Order 11114, or Executive Order 11246.

The Bidder has X has not submitted all compliance reports in connection with any such contract due under the applicable filing requirements; and that representations indicating submission of required compliance reports signed by proposed Subcontractors will be obtained prior to award of subcontracts.

If the Bidder has participated in a previous contract subject to the equal opportunity clause and has not submitted compliance reports due under applicable filing requirements, the Bidder shall submit a compliance report on Standard Form 100, "Employee Information Report EEO-1" prior to the award of contract.

For contracts exceeding \$25,000 - CERTIFICATION REGARDING DEBARMENT AND SUSPENSION, (Non-Procurement) – Title 2 CFR Part 180 & Title 2 CFR Part 1200

The contract that ultimately results from this solicitation is a "covered transaction" as defined by Title 2 CFR Part 180. The Bidder certifies, by submission of this proposal or acceptance of this contract, that neither it nor its Principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency. It further agrees that by submitting this proposal that, if it is the successful Bidder, it will comply with Title 2 CFR Part 1200 and Title 2 CFR Part 180, Subpart C by administering each lower tier subcontract that exceeds \$25,000 as a "covered transaction".

For contracts exceeding \$25,000 - CERTIFICATION REGARDING DEBARMENT AND SUSPENSION (NON-PROCUREMENT) – TITLE 2 CFR PART 1200 AND TITLE 2 CFR PART 180, SUBPART C

ORLANDO EXECUTIVE AIRPORT

ADDENDUM NUMBER ONE

TO THE

**BID DOCUMENTS PACKAGE
DATED JUNE 16, 2014**

FOR

BP-041, OEA REHABILITATION OF TAXIWAYS – PHASE I

**365 Rickenbacker Drive
Orlando, Florida 32803**

**The Documents Covering the Above Described Work
Were Prepared By:**

**AVCON, INC.
5555 East Michigan Street, Suite 200
Orlando, Florida 32822-2779
(Tel) 407.599.1122
(Fax) 407.599.1133**

ADDENDUM No. 1 – DATE: June 30, 2014

Note: The bidder shall acknowledge receipt of this addendum on the Bid Form, Page 00300-2, in the space provided.

ADDENDUM NUMBER 1

Orlando Executive Airport BP-041, Rehabilitation of Taxiways – Phase I June 30, 2014

I. PRE-BID MEETING

1. The Pre-Bid Meeting Minutes are issued with this Addendum (includes Sign-In Sheet).

II. CHANGES TO PROJECT MANUAL

1. None.

III. CHANGES TO DRAWINGS

1. Sheet C15.0.1 – *Erosion Control Device Notes and Details* is being issued with this Addendum. This drawing was inadvertently omitted from the Bid Documents.

IV. QUESTIONS

1. Sheet CD3.0.1 makes reference to a sheet C15.0.1 this sheet appears to be missing, could one be provided?

RESPONSE: *Sheet C15.0.1 is being issued via this Addendum (see Item III-1).*

2. If the top soil requirements are not met by the top soil strip quantity, will the owner pay for import material? If so can an import top soil bid item be added?

RESPONSE: *No; it is not anticipated that additional top soil will be required beyond the quantity recovered from the stripping effort.*

3. Note 17 sheet C61.0.1 calls for orange safety fencing around all work zones prior to construction. Will the contractor be required to remove this fencing each night?

RESPONSE: *Orange safety fencing will not be required around active work zones. Safety fencing will be required around the contractor's staging and storage areas.*

4. What are the requirements for restoring the Storage area and the Access roadways? Will Seed and Mulching be acceptable?

RESPONSE: *The Storage area and the Access roadways must be restored to a condition equal to or better than that before the start of construction at no cost to the Owner. Seed and Mulch shall not be acceptable.*

5. Please advise if there is a "Letter of Intent" for the DBE to fill out on the Orlando Executive Airport bid (BP-041 OEA Rehab of Taxiways Phase I). I did not see one in the spec book provided, however, I did find the Schedule of DBE Sub Participation sheet (00303-1).

RESPONSE: *There is no Letter of Intent. The Bidder is required to complete Exhibit C which lists all DBEs proposed for the project with complete information regarding name, address, phone, scope of work and amount.*

ATTACHMENTS

- Pre-Bid Meeting Minutes w/Handouts (includes Sign-In Sheet)
- Sheet C15.0.1

END OF ADDENDUM NO. 1

ORLANDO EXECUTIVE AIRPORT

ADDENDUM NUMBER TWO

TO THE

BID DOCUMENTS PACKAGE
DATED JUNE 16, 2014

FOR

BP-041, OEA REHABILITATION OF TAXIWAYS – PHASE I

365 Rickenbacker Drive
Orlando, Florida 32803

The Documents Covering the Above Described Work
Were Prepared By:

AVCON, INC.
5555 East Michigan Street, Suite 200
Orlando, Florida 32822-2779
(Tel) 407.599.1122
(Fax) 407.599.1133

ADDENDUM No. 2 – DATE: July 3, 2014

Note: The bidder shall acknowledge receipt of this addendum on the
Bid Form, Page 00300-2, in the space provided.

ADDENDUM NUMBER 2

Orlando Executive Airport BP-041, Rehabilitation of Taxiways – Phase I July 3, 2014

I. CHANGES TO PROJECT MANUAL

1. **Section 000300 – “BID FORM”:** Pages 00300-7 through 00300-11: The following changes/additions have been made to the Bid Schedule.

Pages 00300-7 through 00300-11 are being re-issued with this Addendum.

Items **REVISED**:

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	
				OLD	NEW
12	P-152-1	Unclassified Excavation	CY	3,500	5,000
17	P-401SP-1	Bituminous Surface Course - Superpave	TON	5,000	5,500
20	P-620-1	Permanent Runway/Taxiway Paint - With Reflective Beads (Yellow, White, and Red)	SF	13,300	11,800
21	P-620-2	Permanent Runway/Taxiway Paint - Without Reflective Beads (Black)	SF	22,150	21,850
40	L-115-1	Existing Aircraft Rated Electrical Manhole/Hand Hole/Junction Structure Elevation Adjustment up to and including 5'x5' inside manhole dimension	EA	4	8
42	L-115-3	Mowing Apron	EA	3	4
43	L-115-4	Transitional Apron	EA	4	4
50	L-125-7	L-861T(L) Omnidirectional, Blue, LED, Taxiway Edge Light (N/A)	EA	97	99

II. CHANGES TO DRAWINGS

1. **DRAWING C0.0.1:** This drawing was **UPDATED** to reflect all changes implemented under Item I-1 of this Addendum.

Drawing C0.0.1 is not being re-issued with this Addendum.

2. **DRAWINGS C4.01 - C4.0.10** – These drawings were **UPDATED** to reflect minor grading design modifications for the project.

Drawings C4.0.1 - C4.0.10 are not being re-issued with this Addendum.

3. **DRAWING C8.0.7** – This drawing was **UPDATED** to correct a printing error on the Curve Table.

Drawing C8.0.1 is not being re-issued with this Addendum.

4. **DRAWINGS C40.01 - C40.0.8** – Surface Painted Hold Position Signs (SPHPS) were eliminated from the project and therefore removed from the Marking Plans.

Drawings C40.0.1 - C40.0.8 are not being re-issued with this Addendum.

5. **SKETCH E2.2.5-SK1** – A manhole requiring Elevation Adjustment was not shown properly on the bid documents. The attached sketch shows the location of this manhole.

Sketch E2.2.5-SK1 is being issued with Addendum 2.

III. **QUESTIONS**

1. None

ATTACHMENTS

- Section 00300 – Bid Form, Pages 00300-7 through 00300-11
- Sketch E2.2.5-SK1

END OF ADDENDUM NO. 2

ORLANDO EXECUTIVE AIRPORT

ADDENDUM NUMBER THREE (FINAL)

TO THE

BID DOCUMENTS PACKAGE
DATED JUNE 16, 2014

FOR

BP-041, OEA REHABILITATION OF TAXIWAYS – PHASE I

365 Rickenbacker Drive
Orlando, Florida 32803

The Documents Covering the Above Described Work
Were Prepared By:

AVCON, INC.
5555 East Michigan Street, Suite 200
Orlando, Florida 32822-2779
(Tel) 407.599.1122
(Fax) 407.599.1133

ADDENDUM No. 3 (FINAL) – DATE: July 10, 2014

Note: The bidder shall acknowledge receipt of this addendum on the
Bid Form, Page 00300-2, in the space provided.

ADDENDUM NUMBER 3 (FINAL)

Orlando Executive Airport
BP-041, Rehabilitation of Taxiways – Phase I
July 10, 2014

I. CHANGES TO PROJECT MANUAL

N/A.

II. CHANGES TO DRAWINGS

N/A.

III. QUESTIONS

1. In areas of full depth widening or reconstruction, shoulder or taxi lane, can the existing base material (limerock) be utilized as sub-grade?

RESPONSE: Yes; however, no existing limerock material may be reused as new base course. If limerock is left in place beneath the proposed base, it must be tested and compacted to 100% modified proctor at no additional cost to the Owner. Scarification of the existing limerock will be required to a depth of at least 3".

2. Can Erosion Control Plans be provided with all the features laid out?

RESPONSE: No; the Contractor will be responsible for submitting a plan which complies to the requirements listed in the GENERAL NOTES FOR EROSION AND STORMWATER POLLUTION CONTROL on Sheet C15.0.1.

3. Are the signs to be Style 3?

RESPONSE: The signs shall be a combination of style 2 or style 3 depending on the circuiting of the sign. Please refer to "Sign Schedule" plan sheet E7.0.8 for determining style for each sign within this project.

4. Also, I do not see anywhere on the plans which signs may be Mode 3 – are there any Mode 3 signs?

RESPONSE: All signs used in this project shall be Mode 2. Mode 3 signs will not be installed in this project.

ATTACHMENTS

- None

END OF ADDENDUM NO. 3

The successful bidder by administering each lower tier subcontract that exceeds \$25,000 as a "covered transaction" must verify each lower tier participant of a "covered transaction" under the project is not presently debarred or otherwise disqualified from participation in this federally assisted project. The successful bidder shall accomplish this by: (i) Checking the System for Award Management at website: <http://www.sam.gov>, (ii) Collecting a certification statement similar to the previous paragraph and (iii) Inserting a clause or condition in the covered transaction with the lower tier contract.

If the FAA later determines that an individual failed to tell a higher tier that they were excluded or disqualified at the time they entered the covered transaction with that person, the FAA may pursue any available remedy, including suspension and debarment.

CERTIFICATION REGARDING FOREIGN TRADE RESTRICTIONS (49 CFR PART 30)

The Contractor or Subcontractor, by submission of an offer and/or execution of a contract, certifies that it:

- a. is not owned or controlled by one or more citizens or nationals of a foreign country included in the list of countries that discriminate against U.S. firms published by the Office of the United States Trade representative (USTR);
- b. has not knowingly entered into any contract or subcontract for this project with a contractor that is a citizen or national of a foreign country on said list, or is owned or controlled directly or indirectly by one or more citizens or nationals of a foreign country on said list.
- c. has not procured any product nor subcontracted for the supply of any product for use on the project that is produced in a foreign country on said list.

Unless the restrictions of this clause are waived by the Secretary of Transportation in accordance with 49 CFR 30.17, no contract shall be awarded to a Contractor or Subcontractor who is unable to certify to the above. If the Contractor knowingly procures or subcontracts for the supply of any product or service of a foreign country on said list for use on the project; the Federal Aviation Administration may direct, through the sponsor, cancellation of the contract at no cost to the Government.

Further, the Contractor agrees that, if awarded a contract resulting from this solicitation, it will incorporate this provision for certification without modification in each contract and in all lower tier subcontracts. The Contractor may rely upon the certification of a prospective Subcontractor unless it has knowledge that the certification is erroneous. The Contractor shall provide immediate written notice to the Owner if the Contractor learns that its certification or that of a Subcontractor was erroneous when submitted or has become erroneous by reason of changed circumstances. The Subcontractor agrees to provide immediate written notice to the Contractor, if at any time it learns that its certification was erroneous by reason of changed circumstances.

This certification is a material representation of fact upon which reliance was placed when making the award. If it is later determined that the Contractor or Subcontractor knowingly rendered an erroneous certification, the Federal Aviation Administration may direct, through the Owner, cancellation of the contract or subcontract for default at no cost to the Government.

Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render, in good faith, the certification required by this provision. The knowledge and information of a Contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

This certification concerns a matter within the jurisdiction of an agency of the United States of America and the making of a false, fictitious, or fraudulent certification may render the maker subject to prosecution under Title 18, United States Code, Section 1001.

Buy American Certification
(AVIATION SAFETY AND CAPACITY EXPANSION ACT OF 1990 AND 49 USC Sec. 50101)

By submitting a Bid under this solicitation, except for those items listed by the Bidder below or on a separate and clearly identified attachment to this Bid, the Bidder certifies that the steel and manufactured goods used in the project is produced in the United States or are 100% U.S. materials, that components of unknown origin are considered to have been produced or manufactured outside the United States, and that all equipment that is being used on the project is on the Nationwide Buy American conformance list.

FAA Headquarters (APP-500) maintains a list of equipment that is frequently used on AIP-funded projects that has been issued a Nationwide Waiver. Bidders may obtain from the Owner or the FAA, lists of articles, materials, and supplies for which valid waivers have been issued, excepting them from this provision.

PRODUCT

COUNTRY OF ORIGIN

N/A

N/A

Bidder certifies herein that only domestic Iron, Steel and Manufactured Products will be used by the Contractor, Subcontractors materialmen, and suppliers in the performance of this Contract, except those where a waiver has been posted on the Federal Register stating:

(1) that the U.S. Department of Transportation has determined, under the Aviation Safety and Capacity Expansion Act of 1990, are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality;

(2) that the U.S. Department of Transportation has determined, under the Aviation Safety and Capacity Expansion Act of 1990, that domestic preference would be inconsistent with the public interest;

(3) that inclusion of domestic material will increase the cost of the overall project contract by more than 25 percent; or

(4) that the cost of components and subcomponents produced in the U.S. is more than 60 percent of the cost of all components of the facility or equipment procured and final assembly occurs in the United States.

Certification Regarding Use of Contract Funds For Lobbying (49 CFR 20)

The prospective Bidder certifies, by signing and submitting this bid, to the best of his or her knowledge and belief, that:

- a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
- b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- c. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
- d. The prospective Bidder also agrees by submitting his or her bid that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

ADDITIONAL INSURED COST DISCLOSURE

Contractor's commercial liability and automobile insurance must include an endorsement for all additional insureds as provided in GP70-22(A). The cost, if any, of obtaining insurance that covers the Owner is not eligible for reimbursement from Airport Improvement Program grant

proceeds. Contractor must disclosure this cost by checking (✓) and/or completing one of the following statements:

☒ Contractor's insurance company does not charge for this endorsement, or

☐ Contractor's insurance company does charge for this endorsement and the cost is
\$ _____.

DBE PROGRAM ACKNOWLEDGEMENT

By submitting a Bid under this solicitation, Bidder represents that it has reviewed and familiarized itself with the Owner's Disadvantaged Business Enterprise Participation Program (DBE). **See Section 20 Bid Requirements and Conditions for the DBE Participation Goal.**

SCRUTINIZED COMPANY CERTIFICATION

In the event this contract exceeds One Million Dollars, (\$1,000,000.00), the Bidder hereby certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List as defined in Florida Statutes § 287.135.

BID

FOR ALL WORK REQUIRED IN ACCORDANCE WITH THE APPLICABLE DRAWINGS, SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS, INCLUDING ALL COSTS RELATED TO THE WORK, AND ANY REQUIRED PERMITS, TAXES, BONDS AND INSURANCE, THE UNDERSIGNED SUBMITS A **TOTAL BID PRICE OF:**

TWO Million Five HUNDRED SIXTY FIVE THOUSAND TWO HUNDRED AND

Forty DOLLARS AND EIGHTY SIX CENTS DOLLARS (\$ 2,565,240.86)

ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I

BID FORM
SECTION 00300

BID FORM

CONTRACTOR

The Middlesex Corporation

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
1	M-101-1	Mobilization	LS	1	\$258,000.00	\$258,000.00
2	M-102-1	Safety, Security and Maintenance of Traffic	LS	1	\$108,000.00	\$108,000.00
3	M-102-2	Safety Plan Compliance Document (SPCD)	LS	1	\$18,000.00	\$18,000.00
4	M-102-3	Portable Runway Closure Markers, "X'S" (TWO)	LS	1	\$55,000.00	\$55,000.00
5	P-100-1	Construction Survey	LS	1	\$115,000.00	\$115,000.00
6	P-101-1	Full-Depth Full-Strength Asphalt Taxiway Pavement Structure Removal	SY	2,500	\$11.00	\$27,500.00
7	P-101-2	Full-Depth Asphalt Shoulder Pavement Structure Removal	SY	4,800	\$6.00	\$28,800.00
8	P-104-1	Erosion Control & Pollution Abatement	LS	1	\$20,000.00	\$20,000.00
9	P-150-1	Bituminous Pavement Milling - 1.5"	SY	850	\$3.00	\$2,550.00
10	P-150-2	Bituminous Pavement Milling - 2"	SY	18,000	\$3.00	\$54,000.00
11	P-150-3	Bituminous Pavement Milling - 4"	SY	5,200	\$4.00	\$20,800.00
12	P-152-1	Unclassified Excavation	CY	5,000	\$10.31	\$51,550.00
13	P-152-2	Stripping and Stockpiling - 6"	SY	4,500	\$2.50	\$11,250.00

AVCON, INC.

00300 - 7

GOAA May 2013
Federal Version

ADD. #2

ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I

BID FORM
SECTION 00300

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
14	P-219-1	Recycled Aggregate Concrete Base Course (6" Thick)	SY	8,000	\$8.98	\$71,840.00
15	P-219-2	Recycled Aggregate Concrete Base Course (10" Thick)	SY	3,500	\$22.00	\$77,000.00
16	P-341-1	Geosynthetic Pavement Interlayer	SY	1,150	\$14.00	\$16,100.00
17	P-401SP-1	Bituminous Surface Course - Superpave	TON	5,500	\$124.00	\$682,000.00
18	P-602-1	Bituminous Prime Coat	GAL	5,100	\$2.46	\$12,546.00
19	P-605-1	Rout, Clean, and Seal Existing Asphalt Crack	LF	1,000	\$6.50	\$6,500.00
20	P-620-1	Permanent Runway/Taxiway Paint - With Reflective Beads (Yellow, White, and Red)	SF	11,800	\$3.25	\$38,350.00
21	P-620-2	Permanent Runway/Taxiway Paint - Without Reflective Beads (Black)	SF	21,850	\$1.25	\$27,312.50
22	P-620-3	Marking Removal	SF	9,300	\$2.25	\$20,925.00
23	P-620-4	Temporary Paint	LF	1,500	\$5.50	\$8,250.00
24	T-904-1	Sodding	SY	7,400	\$2.50	\$18,500.00
25	L-104-1	Temporary Power & Temporary Airfield Lighting/Signage/ Navigational Facilities	LS	1	\$50,000.00	\$50,000.00
26	L-105-1	Electrical Demolition	LS	1	\$123,352.36	\$123,352.36

AVCON, INC.

00300 - 8

GOAA May 2013
Federal Version

Add. #2

ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I

BID FORM
SECTION 00300

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
27	L-105-2	Additionally Designated Removal of Existing Light Base	EA	4	\$ 300.00	\$ 1,200.00
28	L-105-3	Existing Unforeseen or Unanticipated Item requiring demolition less than 125 cubic feet in size	EA	1	\$ 270.00	\$ 270.00
29	L-105-4	Existing Unforeseen or Unanticipated Item requiring demolition greater than 125 cubic feet but less than 250 cubic feet in size	EA	1	\$ 450.00	\$ 450.00
30	L-108-1	1/C L-824-Type C Unshielded #8 AWG 5KV Stranded Copper Cable, Installed in Duct or Conduit	LF	38,000	\$ 1.20	\$ 45,600.00
31	L-108-2	1/C #2 AWG Solid Copper Counterpoise Wire, Installed over Duct or Conduit	LF	9,000	\$ 2.50	\$ 22,500.00
32	L-108-3	0.75" Diameter by 10.00' Long Copper Clad Steel Sectional Ground Rod	EA	375	\$ 80.00	\$ 30,000.00
33	L-110-1	1 Way 2" Schedule 40 PVC Direct Earth Buried	LF	2,800	\$ 2.80	\$ 7,840.00
34	L-110-2	1 Way 2" Schedule 40 PVC Concrete Encased Duct	LF	4,600	\$ 13.50	\$ 62,100.00
35	L-110-3	2 Way 2" Schedule 40 PVC Concrete Encased Duct	LF	20	\$ 15.00	\$ 300.00
36	L-110-4	2 Way 4" Schedule 40 PVC Concrete Encased Duct	LF	410	\$ 22.50	\$ 9,225.00
37	L-110-5	4 Way 4" Schedule 40 PVC Concrete Encased Duct	LF	550	\$ 36.00	\$ 19,800.00
38	L-110-6	6 Way 4" Schedule 40 PVC Concrete Encased Duct	LF	60	\$ 54.00	\$ 3,240.00

AVCON, INC.

00300 - 9

GOAA May 2013
Federal Version

ADD #2

ORLANDO EXECUTIVE AIRPORT
BP-041, REHABILITATION OF
TAXIWAYS - PHASE I

BID FORM
SECTION 00300

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
39	L-110-7	1 Way 4" PVC Split Duct Concrete Encased	LF	100	\$16.00	\$1,600.00
40	L-115-1	Existing Aircraft Rated Electrical Manhole/Hand Hole/Junction Structure Elevation Adjustment up to and including 5'x5' inside manhole dimension	EA	8	\$9,000.00	\$72,000.00
41	L-115-2	Existing Aircraft Rated Electrical Manhole/Hand Hole/Junction Structure Elevation Adjustment greater than 5'x5' inside manhole dimension	EA	4	\$11,000.00	\$44,000.00
42	L-115-3	Mowing Apron	EA	4	\$600.00	\$2,400.00
43	L-115-4	Transitional Apron	EA	4	\$900.00	\$3,600.00
44	L-125-1	L-850C Runway Edge Light - Clear/Clear (EE)	EA	2	\$550.00	\$1,100.00
45	L-125-2	L-858(L) Sign - Single/Double Face, LED, Size 2 - 1 Module	EA	1	\$3,300.00	\$3,300.00
46	L-125-3	L-858(L) Sign - Single/Double Face, LED, Size 2 - 2 Module	EA	3	\$4,300.00	\$12,900.00
47	L-125-4	L-858(L) Sign - Single/Double Face, LED, Size 2 - 3 Module	EA	20	\$5,800.00	\$116,000.00
48	L-125-5	L-858(L) Sign - Single/Double Face, LED, Size 2 - 4 Module	EA	3	\$7,100.00	\$21,300.00
49	L-125-6	L-858 Sign - Single Face, Non-Illuminated, Style 4	EA	6	\$2,500.00	\$15,000.00
50	L-125-7	L-861T(L) Omnidirectional, Blue, LED, Taxiway Edge Light (N/A)	EA	99	\$800.00	\$79,200.00

AVCON, INC.

00300 - 10

GOAA May 2013
Federal Version

Add. #2

INDEX	PAY ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	EXTENSION
51	L-125-8	L-861T(L) Omnidirectional, Blue, LED, Taxiway Edge Light (T)	EA	16	\$700.00	\$11,200.00
52	L-125-9	L-862 Runway Edge Light, (EN)	EA	1	\$510.00	\$510.00
53	L-125-10	L-862E Runway Threshold Light - Green/Red, (EN)	EA	4	\$510.00	\$2,040.00
54	L-125-11	L-867B, 3/4" Galvanized Steel Blank Cover (E)	EA	6	\$280.00	\$1,680.00
55	L-125-12	Field Lighting Arrestor Assembly	EA	8	\$720.00	\$5,760.00
56	L-125-13	Junction Can Plaza - Two Can	EA	2	\$3,500.00	\$7,000.00
57	L-125-14	Junction Can Plaza - Four Can	EA	5	\$6,000.00	\$30,000.00
58	L-125-15	Junction Can Plaza - Six Can	EA	1	\$9,000.00	\$9,000.00
BID TOTAL						\$2,565,240.86

AVCON, INC.

00300 - 11

GOAA May 2013
Federal Version

Add. #2

BID GUARANTY

Attached is a cashier's check drawn on the _____
[name of bank] or a Bid Bond on the standard form of the Owner for the sum of

_____ Ten Percent of the amount of Total Bid Price _____

Dollars (\$ 10% of amount of the Total Bid Price) according to the requirements of the Instructions to Bidders, which check or Bid Bond is subject to the conditions and provisions thereof.

(If Bidder is an Individual, complete this signature block)

SSN: _____ By: _____
(signature)
Phone: _____
Name: _____
Fax: _____
Address: _____

(If Bidder is a joint venture or partnership, complete this signature block)

Fill in name of joint venture or partnership, followed by the signature of each partner of the joint venture or partnership. By signing below, each partner of the joint venture or partnership acknowledges and agrees that the partner is jointly and severally liable for all obligations of the joint venture or partnership pursuant to the Contract (attach additional pages if necessary).

Name of joint venture or partnership: _____
Federal ID#: _____ Phone: _____
Fax: _____
By: _____ Federal ID#: _____
(signature of partner)
Name: _____

Address _____
Phone: _____ Fax: _____

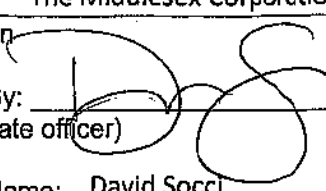
By: _____ (signature of partner)	Federal ID#: _____
Name: _____	
Address: _____	
Phone: _____	Fax: _____

(If Bidder is a corporation, complete this signature block)

Fill in the name of the corporation, followed by the signature of the officer signing on behalf of the corporation, name and officer's title and Secretary attestation.)

The below Corporation is organized and existing under the laws of the State of Massachusetts, authorized by law to make this bid and perform all work and furnish materials and equipment required under the Contract Documents, and is authorized to do business in the State of Florida.

Federal ID # 04-2534615 The Middlesex Corporation
Name of Corporation

Phone: 978-742-4400 By: 
(signature of corporate officer)

Fax: 978-742-4434 Name: David Socci

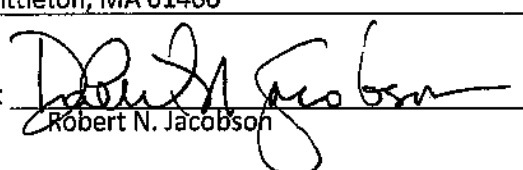
Title: Senior Vice President Estimating

Address: One Spectacle Pond Road, Littleton, MA 01460

(Affix Corporate Seal)

Assistant Secretary

Attest:


Robert N. Jacobson

The full name, address and title of every Officer of the Corporation (including the President, Vice President, Secretary, and Treasurer) is as follows (attach additional pages if necessary):

Please see Attachment A

Name and Address	Title
------------------	-------

Name and Address	Title
------------------	-------

Name and Address	Title
------------------	-------

Name and Address	Title
------------------	-------

END OF SECTION 00300



Officers and Board Members of
The Middlesex Corporation
Corporate Office:
One Spectacle Pond Road
Littleton, MA 01460

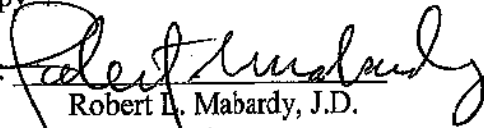
Name	Title	Office
Robert W. Pereira	Chairman & CEO	One Spectacle Pond Road, Littleton, MA 01460
Robert W. Pereira II	President & COO	One Spectacle Pond Road, Littleton, MA 01460
Alfred S. Aponas	President Southeast	10801 Cosmonaut Boulevard, Orlando, FL 32824
Robert L. Mabardy, J.D.	President Northeast & Clerk	One Spectacle Pond Road, Littleton, MA 01460
Robert N. Jacobson	Senior V.P. Finance/Treasurer & Asst. Clerk	One Spectacle Pond Road, Littleton, MA 01460
David K. Skerrett	Senior V.P. Construction	One Spectacle Pond Road, Littleton, MA 01460
David Socci	Senior V.P. Estimating	One Spectacle Pond Road, Littleton, MA 01460
John P. Cavatorta	V.P. Construction Operations	One Spectacle Pond Road, Littleton, MA 01460



At a meeting of the Board of Directors of THE MIDDLESEX CORPORATION held on January 6, 2014, at which all the Directors were present or waived notice, it was VOTED, that Robert W. Pereira, Chairman & CEO; Robert W. Pereira II, President & COO; Alfred S. Aponas, President Southeast; Robert L. Mabardy, J.D., President Northeast & Clerk; Robert N. Jacobson, Senior Vice President Finance/Treasurer & Assistant Clerk; David K. Skerrett, Senior Vice President Construction; David Socci, Senior Vice President Estimating and John P. Cavatorta, Vice President Construction Operations be and they hereby are authorized to execute bids, contracts, bonds, and owners' payment requisitions in the name and on behalf of said Corporation, and affix its Corporate Seal thereto; and such execution of any contract or obligation in the Corporation's name on its behalf by such Chairman, President, Vice President, Clerk and Assistant Clerk under seal of the Corporation, shall be valid and binding upon this Corporation.

A true copy

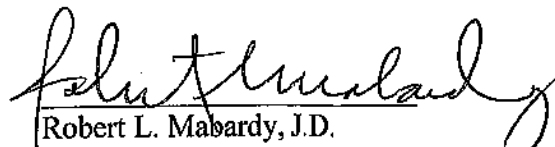
ATTEST:


Robert L. Mabardy, J.D.
Clerk

Place of Business: One Spectacle Pond Road
Littleton, MA 01460

Date: July 15, 2014

I hereby certify that I am the Clerk of THE MIDDLESEX CORPORATION, that Robert W. Pereira is the duly elected Chairman & CEO, Robert W. Pereira II is the duly elected President & COO, Alfred S. Aponas is the duly elected President Southeast, Robert L. Mabardy, J.D. is the duly elected President Northeast & Clerk, Robert N. Jacobson is the duly elected Senior Vice President Finance/Treasurer & Assistant Clerk, David K. Skerrett is the duly elected Senior Vice President Construction, David Socci is the duly elected Senior Vice President Estimating, and John P. Cavatorta is the duly elected Vice President Construction Operations of said Corporation, and that the above vote has not been amended or rescinded and remains in full force and effect as of this date.


Robert L. Mabardy, J.D.
Clerk

SECTION 00303 - EXHIBIT C

Bidder: The Middlesex Corporation

SCHEDULE OF DBE SUBCONTRACTOR PARTICIPATION OF TOTAL BID PRICE

"A" NAME OF CERTIFIED DBE FIRM, MANUFACTURER, VENDOR/SUPPLIER	"B" ADDRESS AND PHONE NUMBER	"C" SCOPE OF WORK	"D" ESTIMATED SUBCONTRACT AMOUNT (\$)*	"E" VENDOR/SUPPLIER SUBCONTRACT AMOUNT (\$)**
1 Central Hauling + Exc. 1215 Crown Park Lane Winter Garden	1215 Crown Park Lane Winter Garden, FL 34787 407-656-9132	Trucking/Hauling	\$92,774.00	\$92,774.00
2 Martin Wholesale Distributors Inc.	2036 Van Sickle Road Jacksonville, FL 32218 904-714-0204	Electrical Materials		\$84,000.00
3 Garrard Framing & Drywall, Inc.	130 Hidden Oaks Lane Winter Haven, FL 33884 863-260-9194	Crack Sealing	\$8,740.00	\$8,740.00
4 Absolute Erosion Control	P.O. Box 781826 Orlando, FL 32878 407-729-5881	Erosion Control	\$4,787.00	\$4,787.00
5 Tierra Engineering, Inc.	1351 Temple Terrace Hwy Tampa, FL 33637 813-989-1354	QC/Testing Serv.	\$9,414.00	\$9,414.00
6 John B. Webb & Assoc.	925 S. Denning Drive #E3 Winter Park, FL 32789	Survey	\$31,224.00	\$31,224.00
7 Global S Global S	2180 West SR 434 STE 1150 Longwood, FL 32719 407-571-6761	Video	\$1,000.00	\$1,000.00
		TOTALS	\$147,939.00	\$231,939.00
		Example Firm, Manufacturer, Example Vendor/Supplier	\$100	\$100
			\$60	\$60

*"D" Show DBE Bid Values: The Bid value in this column for Vendor/Supplier Subcontracts is shown as 60% of column "E" 100% value.

** "E" Show DBE Vendor/Supplier Values: Full Subcontractor Bid Amount

The undersigned will enter into a formal agreement with the above DBE subcontractors for work listed in the schedule conditioned upon execution of a contract with the Owner.

By:  David Socci, Senior Vice President Estimating

Avecon, Inc.

00303 - 1

GOAA September 2012

SECTION 00303 - EXHIBIT C

Bidder: The Middlesex Corporation


SCHEDULE OF DBE SUBCONTRACTOR PARTICIPATION OF TOTAL BID PRICE

"A"	"B"	"C"	"D"	"E"
NAME OF CERTIFIED DBE FIRM, MANUFACTURER, VENDOR/SUPPLIER	ADDRESS AND PHONE NUMBER	SCOPE OF WORK	ESTIMATED SUBCONTRACT AMOUNT (\$)*	VENDOR/SUPPLIER SUBCONTRACT AMOUNT (\$)***
1 ANGCO, INC.	5600 CARDER RD ORLANDO, FL 32810 (407) 588-8888	PAVEMENT MARKINGS	\$ 56,175.15	\$ 56,175.15
2				
3				
4				
5				
6				
7				
TOTALS			\$ 204,114.15	\$ 204,114.15
Example Firm, Manufacturer, Example Vendor/Supplier			\$100	\$100
			\$60	\$60

*"D" Show DBE Bid Values: The Bid value in this column for Vendor/Supplier Subcontracts is shown as 60% of column "E" 100% value.

** "E" Show DBE Vendor/Supplier Values: Full Subcontractor Bid Amount

The undersigned will enter into a formal agreement with the above DBE subcontractors for work listed in the schedule conditioned upon execution of a contract with the Owner.

By:  David Socci, Senior Vice President Estimating
Avcoor, Inc.

00303 - 1

GOAA September 2012

THIS PAGE INTENTIONALLY LEFT BLANK

1.0 QUALIFICATIONS EXPERIENCE

I, (NAME) David Socci, (TITLE) Senior Vice President Estimating, AN AUTHORIZED OFFICER OF

(FIRM) The Middlesex Corporation

CERTIFY THAT THE BIDDER HAS, WITHIN THE LAST FIVE YEARS, SUCCESSFULLY PERFORMED THE FOLLOWING PROJECTS WHICH INCLUDED CONSTRUCTION ACTIVITIES THAT ARE SIMILAR TO THIS PROJECT. THE FOLLOWING PROJECTS DEMONSTRATE MY FIRM'S EXPERIENCE IN THE AIRFIELD CONCRETE PAVEMENT WORK

(LIST AS MANY PROJECTS AS REQUIRED TO INCLUDE ALL TYPES OF WORK SPECIFIED. ADDITIONAL PAGES MAY BE SUBMITTED AS NECESSARY):

PROJECT NAME	OWNER	OWNER'S CONTACT PERSON, ADDRESS, PHONE, FAX	DESIGN PROFESSIONAL	PRIME OR SUB*	CONSTRUCTION VALUE **	COMPLETION DATE
BP-430; Runway 18L-36R Rehabilitation	Greater Orlando Aviation Authority	Mr. Steve Pue 5855 Cargo Road Orlando, FL 32827 Phone: 407-825-4063 Fax: 407-855-3531	Kimley-Horn & Associates	Prime	\$597,750.00	05/01/2012
BP-424; Rehabilitation or Taxiways B,E & J at OIA	Greater Orlando Aviation Authority	Mr. Steve Pue 5855 Cargo Road Orlando, FL 32827 Phone: 407-825-4063 Fax: 407-855-3531	DMJM Aviation, Inc. (AECOM USA, Inc.)	Prime	\$13,903,506.33	09/01/2012
BP-428; Taxiway B-2 Ext. & Taxiway B-1 Rehabilitation	Greater Orlando Aviation Authority	Mr. Steve Pue 5855 Cargo Road Orlando, FL 32827 Phone: 407-825-4063 Fax: 407-855-3531	DMJM Aviation, Inc. (AECOM USA, Inc.)	Prime	\$9,052,786.00	02/13/2013
BP-411 Taxiway A Rehabilitation & Improvements	Greater Orlando Aviation Authority	Mr. Tuan Nguyen 5855 Cargo Road Orlando, FL 32827 Phone: 407-825-4662 Fax: 407-855-3531	AECOM Technical Services	Prime	\$10,359,792.00	01/09/2014

* STATE WHETHER THE WORK WAS PERFORMED BY THE BIDDER AS A PRIME OR SUBCONTRACTOR.

** If Work was performed as a subcontractor, list the construction value of the Work performed (not the Construction value of the entire project)

Signature:  Date: July 15, 2014
Senior Vice President Estimating

2.0 QUALIFICATIONS SUPPLEMENT

BIDDER SHALL IDENTIFY ALL CONTRACTS WITHIN THE PAST FIVE YEARS WHICH RESULTED IN LITIGATION OR ARBITRATION DESCRIBE THE PROJECT, THE PARTIES TO THE ACTION, THE INITIATOR OF THE ACTION AND THE RESOLUTION OR, IF NOT RESOLVED THE CURRENT STATUS. IF ADDITIONAL SPACE IS NEEDED, THE BIDDER SHALL ATTACH ADDITIONAL PAGES

1. NAME & LOCATION OF PROJECT:

N/A

A. NAME OF OWNER OR OTHER PARTY TO CONTRACT: _____

B. AMOUNT OF DAMAGES ASSESSED AND CIRCUMSTANCES: _____

C. DID THIS CONTRACT RESULT IN LITIGATION OR ARBITRATION? _____

D. WHO INITIATED THE ACTION? _____

E. WHAT WAS THE OUTCOME OR WHAT IS THE STATUS? _____

2. NAME & LOCATION OF PROJECT:

N/A

A. NAME OF OWNER OR OTHER PARTY TO CONTRACT: _____

B. AMOUNT OF DAMAGES ASSESSED AND CIRCUMSTANCES: _____

C. DID THIS CONTRACT RESULT IN LITIGATION OR ARBITRATION? _____

D. WHO INITIATED THE ACTION? _____

E. WHAT WAS THE OUTCOME OR WHAT IS THE STATUS? _____

CERTIFICATION OF BIDDER REGARDING
EQUAL EMPLOYMENT OPPORTUNITY

GENERAL

BIDDER'S NAME: The Middlesex Corporation

ADDRESS: One Spectacle Pond Road, Littleton, MA 01460

INTERNAL REVENUE SERVICE EMPLOYER IDENTIFICATION NO.: 04-2534615

NONSEGREGATED FACILITIES

NOTICE TO PROSPECTIVE FEDERALLY ASSISTED
CONSTRUCTION CONTRACTORS
(41 CFR 60-1.8)

- (1) A Certification of Nonsegregated Facilities must be submitted prior to the award of a federally assisted construction contract exceeding \$10,000 which is not exempt from the provisions of the equal opportunity clause.
- (2) Contractors receiving federally assisted construction contract awards exceeding \$10,000 which are not exempt from the provisions of the equal opportunity clause will be required to provide for the forwarding of the following notice to prospective Subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the equal opportunity clause.

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR
CERTIFICATION OF NONSEGREGATED FACILITIES

- (1) A Certification of Nonsegregated Facilities must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the equal opportunity clause.
- (2) Contractors receiving subcontract awards exceeding \$10,000 which are not exempt from the provisions of the equal opportunity clause will be required to provide for the forwarding of this notice to prospective Subcontractors for supplies and construction contracts where the subcontracts exceed \$10,000 and are not exempt from the provisions of the equal opportunity clause.

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

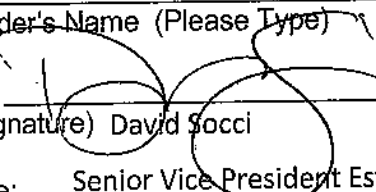
CERTIFICATION OF NON-SEGREGATED FACILITIES

The Bidder certifies that he does not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The Bidder certifies further that he will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. The Bidder agrees that a breach of this certification is a violation of the equal opportunity clause in this contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, sex, or national origin, because of habit, local custom, or any other reason. The Bidder agrees that (except where he has obtained identical certifications from proposed Subcontractors for specific time periods) he will obtain identical certifications from proposed Subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the equal opportunity clause, and that he will retain such certifications in his files.

**NOTICE TO PROSPECTIVE CONTRACTORS OF REQUIREMENT FOR
CERTIFICATION OF NONSEGREGATED FACILITIES**

A Certification of Nonsegregated Facilities must be submitted prior to the award of a contract or subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause.

Certification - The information above is true and complete to the best of my knowledge and belief.

The Middlesex Corporation
Bidder's Name (Please Type) _____
By:  _____
(Signature) David Socci
Title: Senior Vice President Estimating
(Signature) _____
Dated: July 15, 2014

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

END OF SECTION 00320

SECTION 00340 - BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned
The Middlesex Corporation, as Principal,
and Travelers Casualty and Surety Company of America, as Surety,
are held and firmly bound unto the Greater Orlando Aviation Authority (herein "Owner"), in the
penal sum of Ten Percent of Amount Bid DOLLARS
(\$ 10% of Amount Bid) for the payment of which, well and truly to be made we
hereby jointly and severally bind ourselves, our successors and assigns.

SIGNED THIS 8th DAY OF July, 2014.

The condition of the above obligation is such that whereas the Principal has submitted to the Owner a certain Bid, attached hereto and made a part hereof, to enter into a contract in the form contained in the Bid Documents. for BP-041, OEA Rehabilitation of Taxiways - Phase 1, Orlando Executive Airport.

NOW, THEREFORE, if

said Bid shall be rejected; or

if the Guarantee Period, as defined in the Instructions to Bidders, expires from the time and date fixed for opening of Bids before Notice of Intent to Award the Contract is given to Principal; or

if Notice of Intent to Award the Contract is given to the Principal and the Principal shall, within ten (10) business days of the date of the Notice of Intent to Award the Contract; execute and deliver a contract in the form of Contract Agreement contained in the Bid Documents, properly completed in accordance with the Instructions to Bidders; and shall furnish a Performance Bond for its faithful performance of the Contract, and a Payment Bond for the payment of all persons performing labor or furnishing materials or supplies in connection therewith, in the forms contained in the Bid Documents; and shall provide satisfactory evidence of all required insurance coverage; and shall provide evidence satisfactory to the Owner of the authority of the person or persons executing the Contract and all other documents on its behalf; and shall provide the statements, certifications and data relating to DBE participation identified in the Instructions to Bidders; and shall in all other respects perform its obligations pursuant to the terms of the Bid;

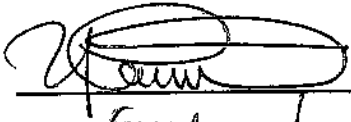
then this obligation shall be void, otherwise the same shall be forfeited to the Owner, not as a penalty, but in liquidation of and compensation for damages; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the Penal Sum of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its Bond shall be in no way impaired or affected by any extension of the time within which the Owner may provide Notice of Intent to Award the Contract or within which the Principal or the Owner may execute, deliver, furnish, provide or perform its obligations and the Surety does hereby

waive notice of any such extensions, provided, however, the Guarantee Period may be extended when the written consent of the Surety is obtained.


IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year first set forth above.

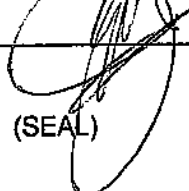
Signed, sealed and delivered
in the presence of:



Evelyn Sargent

(SEAL)




(SEAL)

N/A

(Countersignature by a Florida Licensed Agent)

Name and Title

Agency

Address

NOTE: If Principal or Surety are corporations, the respective corporate seals should be affixed. Additionally, a certified copy of a Power-of-Attorney appointing the individual Attorney-in-Fact for the Surety, as well as the Power-of-Attorney appointing the Florida licensed agent, should be attached.

The Middlesex Corporation

Principal

By: 

David Sacci, Senior Vice President,
Name and Title Estimating

Travelers Casualty and Surety Company of America

Surety

By: 

Jean Correia, Attorney-in-Fact and FL Non-Resident Agent # E145173

Name and Title
Aon Risk Services Northeast, Inc.

Agency
One Federal St., 20th Floor, Boston, MA 02110

Address



POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No.

226836

Certificate No. 005845993

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Mark P. Herendeen, Kevin A. White, Jean Correia, Maria Chaves, Theresan E. Rowedder, Jane Gilson, and Bryan Huft

of the City of Boston, State of Massachusetts, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 28th day of March, 2014.

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By:

Robert L. Raney, Senior Vice President

On this the 28th day of March, 2014, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2016.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 5th day of July, 20 14.

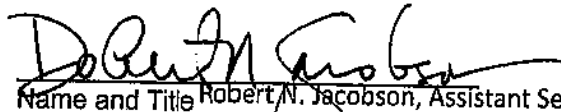
Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

SECTION 00350 - CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Robert N. Jacobson, Assistant
corporate named as Principal in the foregoing Bid Bond; that David Socci Secretary of the
Senior Vice President Estimating who signed the said Bond on behalf of the Principal was then
of said corporation; that I know [his, her] signature, and [his,
her] signature thereto is genuine, and that said Bond was duly signed, sealed and attested for and in
behalf of said corporation by authority of its governing body.


Name and Title Robert N. Jacobson, Assistant Secretary
The Middlesex Corporation
Name of Corporation Submitting Bid

(Corporate Seal)

END OF SECTION 00350

THIS PAGE INTENTIONALLY LEFT BLANK

The Middlesex Corporation
Prequalification Certificates,
Licenses and
Affirmative Action Plan



The Commonwealth of Massachusetts
Secretary of the Commonwealth
State House, Boston, Massachusetts 02133

William Francis Galvin
Secretary of the
Commonwealth

Date: July 09, 2014

To Whom It May Concern :

I hereby certify that according to the records of this office,

THE MIDDLESEX CORPORATION

is a domestic corporation organized on **January 23, 1974** , under the General Laws of the Commonwealth of Massachusetts. I further certify that there are no proceedings presently pending under the Massachusetts General Laws Chapter 156D section 14.21 for said corporation's dissolution; that articles of dissolution have not been filed by said corporation; that, said corporation has filed all annual reports, and paid all fees with respect to such reports, and so far as appears of record said corporation has legal existence and is in good standing with this office.



In testimony of which,
I have hereunto affixed the
Great Seal of the Commonwealth
on the date first above written.

William Francis Galvin

Secretary of the Commonwealth

Certificate Number: 14078449910

Verify this Certificate at: <http://corp.sec.state.ma.us/CorpWeb/Certificates/Verify.aspx>

Processed by: tad

State of Florida

Department of State

I certify from the records of this office that THE MIDDLESEX CORPORATION is a Massachusetts corporation authorized to transact business in the State of Florida, qualified on February 12, 1991.

The document number of this corporation is P32795.

I further certify that said corporation has paid all fees due this office through December 31, 2014, that its most recent annual report/uniform business report was filed on January 13, 2014, and its status is active.

I further certify that said corporation has not filed a Certificate of Withdrawal.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twentieth day of January,
2014*



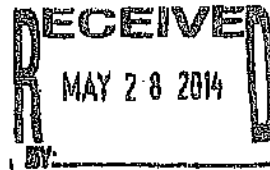
Ken Detjen

Secretary of State

Authentication ID: CU4695055027

To authenticate this certificate, visit the following site, enter this ID, and then follow the instructions displayed.

<https://efile.sunbiz.org/certauthver.html>



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

May 22, 2014

MIDDLESEX CORPORATION (THE)
ONE SPECTACLE POND RD
LITTLETON MA 01460

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2015. However, the new application is due 4/30/2015.

In accordance with S.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements and, if applicable, the audited interim financial statements. Section 337.14 (4) F.S. provides that your certificate will be valid for 18 months after your financial statement date. This gives a two month period to allow you to bid on jobs as we process your new application for qualification. To remain qualified with the Department, a new application must be submitted subsequent to any significant change in the financial position or the structure of your firm as described in Section 14-22.005(3), Florida Administrative Code.

Your company's maximum capacity rating has been established based on X Audited Reviewed financial statements. To access it, please log into the Contractor Prequalification Application System via the following link:
<https://www3.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

BASCULE BRIDGE REHABILITATION, DRAINAGE, FLEXIBLE PAVING, GRADING, HOT PLANT-MIXED BITUM. COURSES, INTERMEDIATE BRIDGES, MAJOR BRIDGE - BASCULE SPANS, MAJOR BRIDGE - BRIDGES OF CONVENTIONAL CONSTRUCTION WHICH ARE OVER A WATER OPENING OF 1,000 FEET OR MORE, MAJOR BRIDGE - CONCRETE SEGMENTAL CONSTRUCTION, MAJOR BRIDGE - CURVED STEEL GIRDERS, MAJOR BRIDGE - MULTI-LEVEL ROADWAYS, MINOR BRIDGES, PORTLAND CEMENT CONCRETE ROADWAY PAVING

FDOT APPROVED SPECIALITY CLASSES OF WORK:

WATER MAINS, SEWER, PUMPING STATIONS, MARINE CONSTRUCTION, STREETSCAPE IMPROVEMENT, SOIL ANCHORS, CONCRETE RETAINING WALLS, RAILROAD CONSTRUCTION.

MIDDLESEX CORPORATION (THE)
May 22, 2014
Page Two

You may apply, in writing, for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code. Please be advised if certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

Sincerely,

A handwritten signature in cursive script that reads "Juanita Moore".

Juanita Moore, Manager
Contracts Administration Office

JM:cj



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783

(850) 487-1395

PEREIRA, ROBERT WILLIAM II
(THE) MIDDLESEX CORPORATION
ONE SPECTACLE POND RD
LITTLETON MA 01460

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CUC057453 ISSUED: 06/04/2014

CERT UNDERGROUND & EXCAV CNTR
PEREIRA, ROBERT WILLIAM II
(THE) MIDDLESEX CORPORATION

IS CERTIFIED under the provisions of Ch.489 FS.
Expiration date : AUG 31, 2016 L1406040001795

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER

CUC057453

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2016



PEREIRA, ROBERT WILLIAM II
(THE) MIDDLESEX CORPORATION
ONE SPECTACLE POND RD
LITTLETON MA 01460



ISSUED: 06/04/2014

DISPLAY AS REQUIRED BY LAW

SEQ # L1406040001795



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
1940 NORTH MONROE STREET
TALLAHASSEE FL 32399-0783**

(850) 487-1395

**PEREIRA, ROBERT WILLIAM II
(THE) MIDDLESEX CORPORATION
ONE SPECTACLE POND RD
LITTLETON MA 01460**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION**

CGC061926 ISSUED: 06/04/2014

**CERTIFIED GENERAL CONTRACTOR
PEREIRA, ROBERT WILLIAM II
(THE) MIDDLESEX CORPORATION**

IS CERTIFIED under the provisions of Ch. 489 FS.
Expiration date : AUG 31, 2016 L1406040001712

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER	
CGC061926	

**The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2016**



**PEREIRA, ROBERT WILLIAM II
(THE) MIDDLESEX CORPORATION
ONE SPECTACLE POND RD
LITTLETON MA 01460**



ISSUED: 06/04/2014

DISPLAY AS REQUIRED BY LAW

SEQ # L1406040001712



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

September 30, 2013

RE: DBE AFFIRMATIVE ACTION PLAN APPROVAL

Dear Mr. West:

The Disadvantaged Business Enterprise Affirmative Action Plan submitted by:

THE MIDDLESEX CORPORATION

has been approved for a period of three years. Please update and submit a new plan before the expiration date shown below. If you do not plan to work on any Florida Department of Transportation Projects, it will not be necessary for you to submit a new plan.

If you need any additional information, please contact me at (850) 414-4747.

Sincerely,

Michael Klump
Investigations & Compliance Manager
Equal Opportunity Office

AFFIRMATIVE ACTION PLAN EXPIRATION: September 30, 2016

This plan is one of the requirements to bid on contracts for the Florida Department of Transportation. This is not approval for Unified Certification Program Disadvantaged Business Enterprise (UCP/DBE) Certification. For additional information in becoming a DBE, contact the Certification Section at (850)414-4747.



EVIDENCE OF PREQUALIFICATION

Attached please find the following items per Section 20-02 Prequalification of Bidder:

1. List of Similar Projects Completed in the Past Five Years on page 00309-1
2. Personnel Resumes
3. Major Equipment Available List
4. Most recent financial statement can be found in the sealed envelope with our bid.



David J. Pilon

Current Position: Project Manager

Years of Experience: 22 years

Reason Selected for this Project: David has a broad range of expertise, having served in management, engineering, and quality control positions on large complex design-build projects with project values exceeding \$1 billion. He has been completely responsible for the overall project performance and has an outstanding track record of delivering high-quality projects safely, ahead of schedule, and within budget.

Work Experience:

2010– Present The Middlesex Corporation – Orlando, FL Project Manager

Responsible for managing construction projects located in the Orlando area.

Project: Runway 18R-36L Rehabilitation and Related Work Orlando International Airport – Orange County, FL

Owner: Greater Orlando Aviation Authority

Contract Amount: \$14,380,593

Project: SR91 @ I-4 (SR400) Interchange Improvements (Design Build) – Orange County, FL

Owner: Florida Department of Transportation – Turnpike

Contract Amount: \$10,232,356

Project: BP-411 Taxiway A Rehabilitation and Improvements Orange County, FL

Owner: Greater Orlando Aviation Authority

Contract Amount: \$10,359,792

Project: BP-430, Runway 18L-36R Joint Rehabilitation, Orlando International Airport – Orange County, FL

Owner: Greater Orlando Aviation Authority

Contract Amount: \$597,750

Project: BP-428, Taxiway B-2 Extension and Taxiway B-1 Rehabilitation, Orlando International Airport – Orange County, FL

Owner: Greater Orlando Aviation Authority

Contract Amount: \$9,052,786

Project: Southern Connector Milling & Resurfacing – Orange County, FL

Owner: Florida Department of Transportation – Turnpike

Contract Amount: \$5,159,083

Project: Rehabilitation of Taxiways B, E and J – Orange County, FL

Owner: Greater Orlando Aviation Authority

Contract Amount: \$13,903,506

Project: SR423 SR423; From SR50 to Wymore Rd. – Orange County, FL

Owner: Florida Department of Transportation

Contract Amount: \$3,756,521

Project: SR426; From A Pt. W of Tuskawilla Rd. To A Pt. W of SR417 SB
Ramp; From A Pt. W of Tuskawilla Rd. To A Pt. W of Orange Co.
Line – Orange County, FL
Owner: Florida Department of Transportation
Contract Amount: \$2,603,045

2008– 2010

SEMA Construction, Inc. – Orlando, FL**Project Manager**

Responsible for managing construction of road widening project located in Orlando. Project involves 13 bridge structures, ITS, electrical, signage, earthwork and landscaping.

Project: SR528 Widening – Orlando, FL
Owner: Florida Turnpike Enterprise
Contract Amount: \$48,888,888

2002– 2008

The Middlesex Corporation – Littleton, MA**Project Engineer**

Part of team responsible for managing construction of bridge and road widening projects. Projects involved ITS, electrical, signage, earthwork, bridge structures, railway, and building construction. VECP bridge alternate also included as part of the work.

Project: SR91 Widen Mainline Florida's Turnpike – Orange County, FL
Owner: Florida Department of Transportation – Turnpike
Contract Amount: \$63,000,000

Project: I-495 / Rt.140 Improvements – Franklin, MA
Owner: Massachusetts Department of Transportation
Contract Amount: \$23,030,000

Project: Commuter Rail Layover Facility – Pawtucket, RI
Owner: Massachusetts Bay Transportation Authority
Contract Amount: \$11,219,599

Project: Bascule Bridge Rehabilitation – Westport, MA
Owner: Massachusetts Department of Transportation
Contract Amount: \$10,986,816

1999– 2002

M. DeMatteo Construction Co. – Boston, MA**QC/Contract Manager**

- Independent monitoring and situation analysis of on-site conformance, liaison with Client, job site engineers, management and sub-contractors.
- Assembly, review, and approval of material/procedure submittals.
- Responsible for identification and trend analysis of Nonconformance, with production review to prevent recurrence.
- Supervision of Quality Control staff, program, and subcontractors' work.
- Project planning and scheduling.
- Provide subcontractor guidance for contract, schedule, and performance.
- Claims and contract changes assembly, review and discussion.

Project: Boston I-93 Tunnel C09A3 Vent Building #1/ERS#4/ESS/USPS
Garage Replacement
Owner: MassPort/Central Artery Tunnel
Contract Amount: \$32,000,000

1998– 1999

Modern Continental Construction Co. – Boston, MA **QC Specialist/ Manager**

- Independent monitoring and situation analysis of on-site conformance, liaison with the Client, job site engineers, management and sub-contractors.
- Designed computerized system to track contract documents, including drawings, job-site materials, and submittals to the Client.
- Responsible for identification and trend analysis of Nonconformance, with production review to prevent recurrence.
- Analysis of concrete strength and maturity data by use of temperature data loggers.
- Schedule and supervise on-site and off-site inspections.
- Supervision of Quality Control staff, program, and subcontractors' work.
- Influential in project planning and field production performance.
- Claims and contract changes assembly, review and discussion.

Project: I-93 Tunnel Contracts C17A1/C17A9 Congress St. to State St.
Owner: MassPort/Central Artery Tunnel
Contract Amount: \$500,000,000

1995– 1997

Novaponte – Lisbon, Portugal **QC Inspector/Contract Manager**

- Independent monitoring and situation analysis of on-site conformance, liaison with the job site engineers, management and sub-contractors, pre-casting of 12 kms box-girder beams, 1 km matchcast balanced cantilever beams, 81 caissons, and 1,378' main span cable-stayed bridge (2,720' total span).
- Designed computerized system to track conformance with specification including material traceability and concrete cube statistical analysis, with coordination of the handover of Works to the Client.
- Analysis of concrete strength and maturity data and formwork striking times by use of James meter and temperature data loggers.
- Schedule and supervise pre-cast unit inspections.
- Evaluate materials to be used in permanent works.
- Review and follow-up to prestressing subcontract including scheduling, production analysis, cost control, handover of permanent works to contractor.
- Manager of \$70 milling reinforcing steel and prestressing strand contract including consumption forecasting, orders, waste analysis, compliance with specification, invoicing and claims.

Project: New Road Crossing of the Tagus in Lisbon, Portugal Consortium
Group: Campenon Bernanrd SGE/Trafalgar House Special
Projects/Teixeira Duarte/Somague/Edifer/Hagen/Beto
Pedroso/Mota
Owner: Lusponete (Concessionaire)
Contract Amount: \$1,200,000,000

1994– 1995

CBF Joint Venture – Hong Kong

QA Engineer/Contract Manager

- Acting in liaison capacity with job site engineers, managers, and contractors for the Kwai Chung Viaduct – Airport Core Program Civil Construction Project, in situ castings and precasting facility for more than 3,000 matchcast box girder segments and more than 1,000 precast U-beams.
- Designed computerized system to track conformance with specifications.
- Monitored continual development of method statements and inspection and test plans.
- Performed concrete statistical analysis and quality control.
- Schedule and supervise pre-cast unit inspections.
- Evaluated and modified work procedures.
- Audited quality assurance schedules.
- Review and follow-up to subcontract for piling works including scheduling, specification compliance issues, and claims review.
- Review and follow-up to prestressing subcontract including production forecasting, milestone review, materials supply analysis, claims review.

Project: Campenon Bernard, Kwai Chung Viaduct
Owner: Mass Transit Railway (MTR)
Contract Amount: \$400,000,000

1992– 1993

Tri-County Masonry, Inc. – Springfield, MA

QC Inspector/Mason Contractor

- Influential in supervisory activities for medium-sized commercial construction projects including quality control of building construction.
- Developed commercial administrative system which enhanced business planning and job costing methods with introduction of computerized construction analysis.

Education:

University of Vermont – BS, Business Management/Studies: Civil Engineering, 1992



Richard Harris

Current Position: Superintendent

Years of Experience: 16 years

Work Experience:

2007 – Present	The Middlesex Corporation - Orlando, FL	Superintendent
	Project: SR500 (US441), From Landstreet Rd. To Oakridge Rd. Orange County, FL	
	Project: SR530 (US192) From the Lake County Line to East of Secret Lake Drive (Design Build) – Orange County, FL	
	Owner: Florida Department of Transportation	
	Contract Amount: \$10,203,400	
	Project: SR438 (Silver Star Rd.) At Ocoee Hills Rd. – Orange County, FL	
	Owner: Florida Department of Transportation	
	Contract Amount: \$1,073,643	
	Owner: Florida Department of Transportation	
	Contract Amount: \$2,498,747	
	Project: Milling, Resurfacing and Roadside Improvements (Guardrail) I-4 – Orange Cty, FL	
	Owner: Florida Department of Transportation – Turnpike	
	Contract Amount: \$5,159,083	
2007	J.D. Abrams	Project Engineer/Scheduler
	• Duties included takeoffs, submittals, RFI's, schedule assistance, safety and materials.	
2007	Jared Curry Construction	Internship
	• Duties included scheduling and cost estimating	
2006	Twin Mountain Construction	Internship
	• Duties included submittals, scheduling, proposals, RFI's, SWPPP and running crews while overseeing Foreman and Laborers.	
1999 – 2000	City of Alamogordo	Laborer
	• Duties included fixing irrigation problems throughout the city.	
1998 – 1999	Coronado Engineers	Laborer
	• Duties included general labor including preparing footings, laying concrete, carpentry work and metal roofing. In addition, handled company accounts for fuel and supplies as well as working closely with subcontractors and management on a day-to-day basis. Distributed paychecks, as well as opening and closing worksite daily for supervisors.	
Education:	New Mexico State University - Bachelor of Science, Civil Engineering, 2007	



Major Equipment Available

Type of Equipment:	
Make, Model and Year	Owned
2006 CHEVROLET IMPALA	X
2006 CHEVROLET IMPALA	X
2006 CHEVROLET IMPALA	X
2007 LEXUS GS350	X
LEXUS LS460	X
2009 MERCEDES E350W	X
2011 HYUNDAI EQUUS	X
2011 CHEVROLET IMPALA	X
2003 CHEVROLET 2500HD	X
2003 CHEVROLET 2500HD	X
2005 CHEVROLET SILVERADO 2500HD	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET TAHOE	X
2006 CHEVROLET SILVERADO 1500	X
2007 CHEVROLET TAHOE	X
2007 CHEVROLET SILVERADO 1500	X
2007 CHEVROLET SILVERADO 2500	X
2008 CHEVROLET SILVERADO 2500HD	X
2008 CHEVROLET SILVERADO 2500HD	X
2008 CHEVROLET SILVERADO 1500	X
2008 CHEVROLET SILVERADO 1500	X
2008 VOLVO XC90	X
2011 FORD F450	X
2011 FORD F250 W/PLOW	X
2012 FORD EXPLORER	X
2012 FORD EXPLORER	X
2012 FORD F150	X
2012 FORD F150 XLT	X
2005 FORD F150 LGTCN	X
2007 FORD F150 LGTCN	X
1998 CHEVROLET FLEETSIDE	X
1998 CHEVROLET FLEETSIDE	X
2001 CHEVROLET 3500HD	X
2001 CHEVROLET HD 3500	X
2001 CHEVROLET 3500HD	X
2001 CHEVROLET 3500HD	X
2001 CHEVROLET 3500HD	X
2006 CHEVROLET 3500 RACK TRUCK	X
2006 CHEVROLET 3500 RACK TRUCK	X
2006 CHEVROLET 3500 RACK TRUCK	X
2006 CHEVROLET 3500 RACK TRUCK	X
2006 CHEVROLET 3500 RACK TRUCK	X
2011 FORD F450 RACK TRUCK	X
2011 FORD F450 RACK TRUCK	X
2011 FORD F450 RACK TRUCK	X
2011 FORD F450 RACK TRUCK	X
2011 FORD F450 RACK TRUCK	X
1977 MACK DM6115 WATER	X
1986 MACK CAB & CHASSIS	X
1985 MACK CAB & CHASSIS	X
2001 CHEVROLET RACK TRUCK	X

Type of Equipment:	
Make, Model and Year	Owned
2005 GODWIN GHP26KW GENERATOR	X
2005 GODWIN GHP26KW GENERATOR	X
2006 4" MODEL SL4DDPK	X
2006 4" MODEL SL4DDP-K	X
1972 MKT9B3 AIR-POWERED	X
BOOM POINT ADAPTER W/P	X
OWEN HDSN 3 YARD CLAMS	X
NYE SERIES 7 EXTREME SERVICE GRAPPLE	X
2012 L & G ADD-A-BOOT	X
2012 ICE 6' 6" CAISSON	X
BARRIER CLAMPS	X
BARRIER CLAMPS	X
1,200 LF PRECAST TEMPORARY BARRIER	X
2,440 LF SINGLE FACE BARRIER	X
2007 JLG 660SJ 4X4 BOOM LIFT	X
2008 GENIE S65 4X4 BOOM LIFT	X
2007 GENIE S65 4X4 BOOM LIFT	X
1997 ATLAS 750 CPM COMPRESSOR	X
1994 ATLAS COMPRESSOR	X
1987 SULLAIR COMPRESSOR	X
1988 INGERSOLL RAND COMPRESSOR	X
1997 ATLAS AIR COMPRESSOR	X
1994 ATLAS COMPRESSOR	X
1997 ATLAS 185 CFM AIR	X
1986 INGERSOLL RAND COMPRESSOR	X
1986 ATLAS COPCO COMPRESSOR	X
1992 SULLIVAN 900 CFM	X
1998 INGERSOLL RAND P185WID DIESEL COMPRESSOR	X
1998 INGERSOLL RAND P185WID DIESEL COMPRESSOR	X
2012 SULLAIR 185 DPQ AIR COMPRESSOR	X
2012 SULLAIR 185 DPQ AIR COMPRESSOR	X
2012 SULLAIR 185 DPQ AIR COMPRESSOR	X
2012 SULLAIR 185 DPQ AIR COMPRESSOR	X
2012 SULLAIR 185 DPQ AIR COMPRESSOR	X
WACKER WABPU3545A COMPACTOR	X
VIBRATORY PLATE 2300LB IMPACT	X
VIBRATORY PLATE 2300LB IMPACT	X
1990 GROVE RT745 45 TON CRANE	X
1999 LINKBELT LS218H CRANE	X
2004 GROVE 760E CRANE	X
2001 JOHN DEERE 650H DOZER	X
2008 CAT D8T DOZER	X
2006 CAT D6N XL CRAWLER DOZER	X
2011 CAT D6N XL DOZER	X
2012 CAT D6N XL DOZER	X
2012 CAT M322 RT EXCAVATOR	X
2012 CAT M322 RT EXCAVATOR	X
1988 JCB MODEL 530B HL 4WD FORKLIFT	X
1988 SKYTRAK 6036 FORKLIFT	X
2002 SKYTRAK TELESCOPIC FORKLIFT	X
2005 DOOSAN D120 FORKLIFT	X

Major Equipment Available

Type of Equipment:

Make, Model and Year	Owned
2005 FREIGHTLINER M2 BOX TRUCK	X
1995 MITSUBISHI FH 14'	X
1987 MACK R685ST	X
1988 MACK C5300P	X
1987 MACK RD686	X
1998 MACK RD688S	X
1998 MACK RD688S	X
1998 MACK RD688S	X
1998 MACK RD688S	X
2000 MACK RD688S	X
2001 MACK RD688S	X
2001 MACK RD688S	X
2001 MACK RD688S	X
2006 MACK CV713	X
2007 MACK CV713	X
1988 MACK R688ST	X
2013 MACK CHU613	X
KOMATSU 380 G/P BUCKET	X
KOMATSU BUCKET MODEL K	X
2005 CHEVROLET SILVERADO 1500	X
2008 CHEVROLET SILVERADO 2500HD	X
2005 FORD F450	X
2001 MACK RD688S CHASSIS	X
1999 MACK TRI-AXLE DUMP	X
1998 MACK TRACTOR CH613	X
2003 GENIE MODEL S65 G 66' BOOM LIFT	X
MANHOLE BOX 12'L X 12'W X 4'H	X
2012 TOPCON GX 60 MACHINE CONTROL SYSTEM	X
2012 TOPCON GX 60 MACHINE CONTROL SYSTEM	X
2012 TOPCON GX 60 MACHINE CONTROL SYSTEM	X
2002 AMERICAN SIGNAL MESSAGE BOARD	X
2002 AMERICAN SIGNAL MESSAGE BOARD	X
2003 AMERICAN SIGNAL CMST333 MESSAGE BOARD	X
2003 AMERICAN SIGNAL CMST333 MESSAGE BOARD	X
2003 AMERICAN SIGNAL CMST333 MESSAGE BOARD	X
2004 AMERICAN SIGNAL CMS-T333 MESSAGE BOARD	X
2004 AMERICAN SIGNAL CMS-T333 MESSAGE BOARD	X
2006 AMERICAN SIGNAL CMS-T333 MESSAGE BOARD	X
2006 AMERICAN SIGNAL CMS-T333 MESSAGE BOARD	X
2006 AMERICAN SIGNAL CMS-T333 MESSAGE BOARD	X
1990 MARK LINE PS-1264 OFFICE TRAILER	X
OFFICE TRAILER	X
10' PLOW	X
10' PLOW	X
10' PLOW	X
COLMAN 2400PSI HIGH PRESSURE WASHER	X
2008 BOMAG BW177D40 66" VIBE ROLLER	X
2008 BOMAG BW177D40 66" VIBE ROLLER	X
2011 CAT CS54 84" VIBE ROLLER	X
2011 CAT CS54 84" VIBE ROLLER	X
2011 CAT CS54 84" VIBE ROLLER	X

Type of Equipment:

Make, Model and Year	Owned
1991 CATERPILLAR 120G MOTOR GRADER	X
1991 AMIDA 15 K/W GENERATOR	X
2008 MULTIQUIP GENERATOR	X
HONDA 5000 WATT EB-500 GENERATOR	X
ICE MODEL 595E HYDRAULIC HAMMER	X
HYDRAULIC POWER PAC MODEL 80HP	X
2012 ICE MODEL 28C VIBRATORY DRIVER EXTRACTOR W/POWER PACK	X
1994 CHICAGO PNEUMATIC LIGHT BOARD	X
1994 CHICAGO PNEUMATIC LIGHT BOARD	X
2008 GENIE TML-4000N LIGHT BOARD	X
2008 GENIE TML-4000N LIGHT BOARD	X
2008 GENIE TML-4000N LIGHT BOARD	X
2008 GENIE TML-4000N LIGHT BOARD	X
2008 GENIE TML-4000N LIGHT BOARD	X
2008 GENIE TML-4000N LIGHT BOARD	X
2007 GENIE TML/4000 LIGHT TOWER	X
2007 GENIE TML/4000 LIGHT TOWER	X
2008 GENIE TML/4000 LIGHT TOWER	X
2012 PROGRESS SLT-800 SOLAR LIGHT TOWER	X
2012 PROGRESS SLT-800 SOLAR LIGHT TOWER	X
LIGHT TOWER 4000 WATT	X
1998 STARCRAFT SF16-L WORKBOAT	X
TUGBOAT VESSEL	X
10' X 40' BARGE W/10' BARGE	X
2007 21' UTILITY WORKBOAT	X
MANHOLE BOX 12'L X 12'W X 8'H	X
2002 FONTAINE TL50FLD TRAILER	X
2009 FONTAINE TL55 TRAILER	X
2000 MANAC 48 X 96 FLAT DECK TRAILER	X
2000 MANAC 48 X 96 FLAT DECK TRAILER	X
2001 UTILITY FS2CHA FLAT DECK TRAILER	X
2005 TALBERT 55SA 55 TON LOW BED TRAILER	X
1981 GREAT DANE TRAILER	X
1981 GREAT DANE TRAILER	X
1983 AZTEC TRAILER	X
1989 FONTAIN TRAILER	X
2004 JOHN DEERE 450CLC EXCAVATOR	X
2008 CAT 365C EXCAVATOR	X
2012 CAT 336E EXCAVATOR	X
2012 CAT 336E EXCAVATOR	X
2012 CAT 336E EXCAVATOR	X
2012 CAT 349E EXCAVATOR	X
2012 CAT 349E EXCAVATOR	X
GME 4M814 8' X 14' TRENCH BOX	X
8' X 24' TRENCH BOX	X
TRENCH BOX 8' X 24' W/6" WALL	X
TRENCH BOX 6' X 24' W/4" WALL	X
TRENCH BOX 8' X 14' W/4" WALL	X
STACK/TRENCH BOX 6' X 14' W/4" WALL	X
TRENCH BOX 8' X 18' W/4" WALL	X
BRIDGE PLATFORM SYSTEM	X

Major Equipment Available

Type of Equipment:	
Make, Model and Year	Owned
2010 CAT C556 84" VIBE ROLLER	X
2000 ROSCO 2 TON STATIC ROLLER	X
2000 ROSCO 2 TON STATIC ROLLER	X
2011 JOHN DEERE 410J BACKHOE	X
2012 JOHN DEERE 410K BACKHOE	X
2012 JOHN DEERE 410K BACKHOE	X
2004 VOLVO L90E LOADER	X
2008 CAT 980H WHEEL LOADER	X
2008 CAT 950H WHEEL LOADER	X
2012 CAT 950K WHEEL LOADER	X
2012 CAT 950K WHEEL LOADER	X
ELCO MODEL #12 ROCK SPLITTER	X
2004 CAT C5533E 84" VIBE ROLLER	X
2004 CAT C5533E 84" VIBE ROLLER	X
1987 READ RD90 PORTABLE SCREENING PLANT	X
STONE BOX 7 YARD	X
STONE BOX 9 YARD	X
GR-5 ROVER DIG UHF W/V	X
GR-5 ROVER DIG UHF W/V	X
TOPCON ROVER GR5 W/VER	X
TOPCON ROVER GR5 W/VER	X
TOPCON LASER RL-100	X
TOPCON LASER RL-100	X
TOPCON LASER RL-100	X
2012 TOPCON PIPE LASER	X
PIPE LASER W/TRIVER	X
2012 TOPCON PIPE LASER	X
2004 GPS 3D BASE LEGACY GGD/AMR	X
OAF BUNDLE SGL GR-5 GGD 10HZ DATA COLLECTOR	X
OAF BUNDLE SGL GR-5 GGD 10HZ DATA COLLECTOR	X
C-250 QS PKG. TOPSURV	X
TOPCON GPT-8205A ROBOTIC TOTAL STATION	X
QS-5 QUICK STATION 5"	X
2012 TOPCON QS-5 ROBOTIC TOTAL STATION	X
2012 TOPCON QS-5 ROBOTIC TOTAL STATION	X
SURVEY EQUIPMENT	X
SURVEY EQUIPMENT	X
2007 TOPCON LEGACY E G	X
2012 TOPCON GR-5 GPS B	X
2005 BROOM BEAR H1683D	X
2006 SUPERIOR DT80J SWEEPER	X
1985 LONG HAUL 2 AXLE TRAILER	X
1998 MANAC 48' - 80' EXTENDABLE FLATBED TRAILER	X
1991 WELLS CARGO UTILITY TRAILER	X
2000 BIG TEX TEN FOOT TRAILER	X
2000 BIG TEX TEN FOOT TRAILER	X
2000 BIG TEX TEN FOOT TRAILER	X
2000 WELLS CARGO EW162 TRAILER	X
2000 PLUS 8' X 16' ENCLOSED TRAILER	X
2000 X 16' ENCLOSED TRAILER	X
2000 PLUS 8' X 16' ENCLOSED TRAILER	X

Type of Equipment:	
Make, Model and Year	Owned
PULLMASTER H18 SPUD WINCH	X
PULLMASTER H18 SPUD WINCH	X
LINCOLN CLASSIC II DIESEL WELDER	X
1999 MILLER BIG 40 DC WELDER	X
1999 BIG BLUE 251D WELDER	X
1999 BIG BLUE 251D WELDER	X
BIG BLUE 251D WELDER	X
2000 LINCOLN 500 COMMANDER WELDER	X
MILLER BIG 40 WELDER	X
MILLER BIG 40 WELDER	X
2012 MILLER 700 AMP WELDER	X
2012 MILLER 700 AMP WELDER	X
2012 MILLER BIG BLUE 400D WELDER	X
2012 MILLER BIG BLUE 400D WELDER	X
2007 POWER PRIME DV100 WATER PUMP	X
2011 POWER PRIME 4" DRY PRIME WATER PUMP	X
2011 THOMPSON 6" SKID-MOUNTED WATER PUMP	X
2011 THOMPSON 6" SKID-MOUNTED WATER PUMP	X
2002 CHEVROLET TAHOE	X
GME E8120W TRENCH BOX	X
GME DS-9 BEDDING BOX	X
2006 FORD TAURUS	X
2005 LINCOLN AVIATOR	X
2006 FORD EXPLORER	X
2007 CHEVROLET TAHOE	X
2007 LINCOLN NAVIGATOR	X
2008 RANGE ROVER	X
2008 FORD EXPLORER	X
2012 FORD ESCAPE	X
2012 FORD ESCAPE	X
2012 FORD EXPLORER	X
2004 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET CK15543	X
2004 CHEVROLET 3500 MOT	X
2004 CHEVROLET 3500 MOT	X
2005 CHEVROLET COLORADO	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 CHEVROLET SILVERADO 1500	X
2005 FORD F550 4X4 SERVICE TRUCK	X
2005 CHEVROLET COLORADO	X
2007 CHEVROLET EXPRESS VAN	X
2007 CHEVROLET SILVERADO 1500	X
2007 CHEVROLET SILVERADO 1500	X
2007 CHEVROLET SILVERADO 1500	X



Major Equipment Available

Type of Equipment:

Make, Model and Year	Owned
AUTO PLUS 8' X 16' ENCLOSED TRAILER	X
AUTO PLUS 8' X 16' ENCLOSED TRAILER	X
AUTO PLUS 8' X 16' ENCLOSED TRAILER	X
2002 TRAIL KING 5 TON TRAILER	X
2002 TRAIL KING 5 TON TRAILER	X
2012 FORD F150 XL 4X4 REG CAB	X
2012 CHEVROLET AVALANCHE	X
2005 CHEVROLET SILVERADO 3500	X
2005 CHEVROLET SILVERADO 3500	X
2005 CHEVROLET SILVERADO 3500	X
2005 CHEVROLET 3500 MOT	X
2005 CHEVROLET 3500 MOT	X
2012 FORD F350	X
2012 FORD F350	X
2005 CHEVROLET 3500 4X4	X
2012 FORD F250 XL 4X2 SUPERCAB	X
2012 FORD F550 XL 4X2 SD REG CAB	X
2001 SWEEPSTER BROOM ATTACHMENT	X
2001 SWEEPSTER BROOM ATTACHMENT	X
2000 INTERNATIONAL 4700 4X2 TOOL TRUCK	X
2003 INTERNATIONAL 4300 TOOL TRUCK	X
2005 INTERNATIONAL 4300 TOOL TRUCK	X
2004 STERLING MX DUMP	X
2006 INTERNATIONAL 4300 TOOL TRUCK	X
1984 AUTOCAR 6 x 6 WATER TRUCK	X
1995 INTERNATIONAL 4700 WATER TRUCK	X
1996 INTERNATIONAL 4700 WATER TRUCK	X
2007 PSI PS2000 TACK TRUCK	X
2008 MAULDIN PS2000 DISTRIBUTOR TRUCK	X
2012 INTERNATIONAL 7300 DISTRIBUTOR TRUCK	X
1999 INTERNATIONAL ATTENUATOR	X
1999 INTERNATIONAL ATTENUATOR	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1999 MACK RD688S TRI-AXLE DUMP	X
1998 MACK RD686 TRIAXLE DUMP	X
2004 MACK CV713 TRI-AXLE DUMP	X
2004 MACK CV713 TRI-AXLE DUMP	X
2004 MACK CV713 TRI-AXLE DUMP	X
2004 MACK CV713 TRI-AXLE DUMP	X
2005 MACK CV713 TRI-AXLE DUMP	X
2005 MACK CV713 TRI-AXLE DUMP	X
2005 MACK CV713 TRI-AXLE DUMP	X
2005 MACK CV713 TRI-AXLE DUMP	X
2005 MACK CV713 TRI-AXLE DUMP	X
2007 MACK CV713 TRIAXLE DUMP	X

Type of Equipment:

Make, Model and Year	Owned
2012 FORD F150 XL 4X4 REG CAB	X
2012 FORD F150 XL 4X4 REG CAB	X
2012 FORD F150 XL 4X4 REG CAB	X
2012 FORD F150 XL 4X4 REG CAB	X
2012 FORD F150 XL 4X4 REG CAB	X
2005 MAGNUM MODEL MLT3060 LIGHT TOWER	X
2005 MAGNUM MODEL MLT3060 LIGHT TOWER	X
2006 MAGNUM 320-4000 LIGHT TOWER	X
2006 MAGNUM 320-4000 LIGHT TOWER	X
2006 MAGNUM MLT3060 LIGHT TOWER	X
2006 MAGNUM MLT3060 LIGHT TOWER	X
2006 MAGNUM MLT3060 LIGHT TOWER	X
2012 TOPCON PS3 TOTAL ROBOTIC STATION	X
2012 TOPCON HIPER II GPS (BASE & ROVER PACKAGE)	X
PAVING AUTOMATION EQUIPMENT	X
2006 TOPCON GPS HIPER SYSTEM	X
2004 THOMPSON 4" TRASH PUMP	X
2011 ROADTEC RX700-4 COLD PLANER	X
2012 ROADTEC RX600E-4 COLD PLANER	X
SWEEPSTER 8' ANGLE BROOM	X
2007 ALITEC COLD PLANER	X
2004 TOPCON 4100V GRADALL	X
1999 RAMMER MODEL E68 4,000 HAMMER	X
2002 JOHN DEERE 6 X 4 ATV	X
1680 LF TEMPORARY PRECAST BARRIER	X
6,792LF BARRIER	X
9,200 LF JJ HOOK TEMP BARRIER	X
4,300 LF FDOT JJ HOOK BARRIER	X
10,000 LF JJ HOOK BARRIER	X
4,500 LF BARRIER PIN & LOOP BARRIER	X
10,000 LF K-WALL BARRIER	X
FUEL DEPOT 10,000 GALLON STORAGE TANK	X
TACK TANK	X
2004 GROVE 760E CRANE	X
1994 INGERSOLL RAND COMPRESSOR	X
2004 SULLAIR COMPRESSOR	X
2006 CAT D5G DOZER	X
2011 JOHN DEERE 650J DOZER	X
1998 SKYTRAK FORKLIFT	X
2004 JOHN DEERE 672CH MOTOR GRADER	X
2006 GRADALL XL4100	X
1989 FOSTER VIP PILE DRIVER	X
2003 JOHN DEERE 110 BACKHOE	X
BIDWELL CONCRETE SCREED	X
2003 BIDWELL 4800 PAVER	X
2000 BRIDGE DECK OVERHANG BUGGY	X
ROAD TEC RP-190 PAVER	X
2007 ROADTEC RP-195 PAVER	X
2008 CAT AP1055 PAVER	X
2008 CAT AP655D PAVER	X
2011 ROADTEC RP190 RUBBER TIRE PAVER	X

Major Equipment Available

Type of Equipment:

Make, Model and Year	Owned
2007 MACK CV713 TRIAXLE DUMP	X
2007 MACK CV713 TRIAXLE DUMP	X
2007 MACK CV713 TRIAXLE DUMP	X
2007 MACK CV713 TRIAXLE DUMP	X
2007 MACK CTP713B TRI-AXLE DUMP	X
2007 MACK CTP713B TRI-AXLE DUMP	X
2007 MACK CTP713B TRI-AXLE DUMP	X
2008 MACK CTP713B TRI-AXLE DUMP	X
2008 MACK CTP713B TRI-AXLE DUMP	X
2013 MACK GU813 TRIAXLE DUMP	X
2013 MACK GU813 TRIAXLE DUMP	X
2013 MACK GU813 TRIAXLE DUMP	X
2013 MACK GU813 TRIAXLE DUMP	X
2013 MACK GU813 TRIAXLE DUMP	X
2001 MACK CH613 LOWBED TRACTOR	X
2006 MACK CV713 LOWBED TRACTOR	X
2006 MACK CV713 LOWBED TRACTOR	X
1995 EVAN TRAILER	X
1999 CORE DRILLING TRAILER	X
1973 TOTE FUEL TRAILER	X
1978 VADA TRAILER	X
1985 16' TANDEM AXLE TRAILER	X
1978 FRUEHAUF TRAILER	X
1981 FRUEHAUF TRAILER	X
1998 BLAW KNOX PC2181 PAVER	X
2005 WANCO ARROW BOARD	X
2005 WANCO ARROW BOARD	X
2003 GENIE MODEL S65 G 66' BOOM LIFT	X
2002 GENIE S85 BOOM LIFT	X
COMPACTOR	X
COMPACTOR	X
1998 SULLIVAN 350 DIESEL COMPACTOR	X
2003 BOMAG 40/45 REVERSIBLE	X
2003 BOMAG 40/45 REVERSIBLE	X
2005 MAGNUM MODEL MLT3060 LIGHT TOWER	X
2007 ELGIN BROOM BEAR	X
2011 ELGIN BROOM BEAR	X
2012 LEEBOY CHALLENGER	X
2012 LEEBOY CHALLENGER	X
2003 FABRICATED CORING TRAILER	X
2004 EAGER BEAVER 20XP TRAILER	X
2005 ANDERSON TRAILER	X
2002 EAGER BEAVER LO-BOY 50 GSL/PT TRAILER	X
2005 TRAILBOSS 50 TON RTAILER	X
2005 EAGER BEAVER 50GS TRAILER	X
2005 LEEBOY L250T TACK TRAILER	X
2009 INTERNATIONAL 12B TRAILER	X
2003 HITACHI ZX230-5 EXCAVATOR	X
2004 HITACHI Z330X EXCAVATOR	X
2006 HITACHI ZX 350D EXCAVATOR	X
2005 CHEVROLET 3500 4X4	X

Type of Equipment:

Make, Model and Year	Owned
2003 JOHN DEERE 310SG BACKHOE	X
2004 VOLVO L90E LOADER	X
2006 JOHN DEERE 644J WHEEL LOADER	X
2000 HYPAC C-340C ROLLER	X
2003 HYPAC C340C STATIC ROLLER	X
2007 HYPAC C340C STATIC ROLLER	X
2004 CAT CB534DXW ROLLER	X
2004 CAT CB534DXW ROLLER	X
2005 CAT CB534D ROLLER	X
2005 CAT CB534D ROLLER	X
2005 CAT CB534D ROLLER	X
2007 CAT CB534DXW VIBE ROLLER	X
2007 CAT CB534DXW VIBE ROLLER	X
2007 CAT CB534DXW VIBE ROLLER	X
2008 HAMM HDO120V 12T OSCILLATING VIBE ROLLER	X
2008 HAMM HDO120V 12T OSCILLATING VIBE ROLLER	X
2004 CAT CS533E ROLLER	X
2004 CAT CS533E ROLLER	X
2002 BOMAG BW11RH ROLLER	X
2003 HYPAC C530AH ROLLER	X
2007 BOMAG BW24RH COMPACTOR	X
2007 ROSCO 915 COMPACTOR	X
1989 BLAW KNOX ROAD WIDENER	X
SANDER FOR 5012	X
2005 JOHN DEERE 332 SKID STEER LOADER	X
2005 CAT 262B SKID STEER LOADER	X
2007 JOHN DEERE 332 SKID STEER LOADER	X
2008 JOHN DEERE 332 SKID STEER LOADER	X
2003 BOMAG MPH364SD SOIL STABILIZER	X
2002 BROCE BROOM RJ530	X
2005 LAYMOR 8HC SWEEPER	X
2006 LEEBOY SWEEP PRO	X
2007 LEEBOY RB48 BROOM	X
2007 LEEBOY SWEEP-PRO	X
2007 LEEBOY SWEEP-PRO	X
2005 CAT M322C RUBBER TIRE EXCAVATOR	X
2008 CAT M322C RUBBER TIRE EXCAVATOR	X
2008 GENIE GTH844 FORKLIFT	X
2005 JLG/GRADALL XL510	X
GODWIN GHP26KW-R POWER GENERATOR	X
GODWIN GHP26KW-R POWER GENERATOR	X
BACKUP GENERATOR FOR SHOP	X
1998 HPSI #300 VIBRO HAMMER	X
1999 WOOD PILE CLAMP	X
2012 PHE HYDRAULIC POWER PACK 80HP	X
2012 PHE HYDRAULIC POWER PACK 80HP	X
1999 HPSI 10' CAISSON	X
1998 25' STEEL WORKBOAT	X
BERTHING BARGE 110' X 30' X 8' W/BUTLER BUILDING	X
"COVE POINT" SPUD BARGE	X
STALLION MODEL TRUCKABLE WORK BOAT	X

Major Equipment Available

[illegible]



Major Equipment Available

Type of Equipment:	
Make, Model and Year	Owned
2004 CAT 330CL EXCAVATOR	X
2006 CAT 330DL EXCAVATOR	X
2008 KOMATSU PC300LC-8 EXCAVATOR	X

Type of Equipment:	
Make, Model and Year	Owned
2012 INERTIA PORTABLE FRAP CRUSHER	X
2012 CAT 980K WHEEL LOADER	X

The Middlesex Corporation owns and operates 1 asphalt plant, which can easily service this project. We employ 4 full-time paving crews, which will be more than adequate to provide the necessary labor for this project.



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5850-B Cargo Road
Orlando, Florida 32827

Memorandum

To: Members of the Construction Committee

From: Steve S. Pue, Senior Project Manager *SSP*

Date: July 22, 2014

Re: Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for Construction Administration Services for BP-41, Rehabilitation of Taxiways - Phase I
Orlando Executive Airport

Consultant's attached proposal, dated July 15, 2014, is to provide Professional Services during the Construction Phase for BP-41, Rehabilitation of Taxiways - Phase I. This work is to provide for Construction Administration (CA) Inspections(s) and services for the upgrade of Taxiway E. Avcon, Inc. proposed to provide these services for the following compensation:

Reimbursable Fee Staffing Costs (NTE)	\$43,556.00
Reimbursable Expenses (NTE)	\$ 950.00
Total (Staffing and Expenses)	\$44,506.00

This continuing consultant was selected for this task based on (✓ all that apply):

☒ Experience ☒ Available Personnel ☒ Current Workload
☒ Expertise ☒ Equitable Distribution ☐ Other: _____

The DBE participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from FAA, FDOT grant. Funding source verified by *And OGA Revenue Funds* *Ram L. Heuvel* Construction Finance on 7/25/14 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Authority Board approval of an Addendum to the Continuing Civil Engineering Services Agreement with Avcon, Inc. for a NOT TO EXCEED amount of \$44,506.00 contingent upon receiving an FAA, FDOT grant to provide CA services for BP-41 as further described in Avcon, Inc.'s proposal dated July 15, 2014.

L/S Fees	-
NTE Fees	\$43,556
NTE Expenses	\$ 950
TOTAL	\$ 44,506
RWBC	<i>OK</i>

Item 8
(Construction Committee 7/29/2014)



AVCON, INC.
ENGINEERS & PLANNERS

5555 E. Michigan Street, Suite 200
Orlando, FL 32822
Phone: (407) 599-1122
Fax: (407) 599-1131
www.avconinc.com

Z:\Orlando\070 - GOAA\2014\2014.070.03 - OEA BP-041 Taxiway Rehab -
CPS\BP-041 CPS Proposal 7-15-14.doc

July 15, 2014

Mr. D. Mike Patterson
Director of Construction
Greater Orlando Aviation Authority
5850B Cargo Road
Orlando, Florida 32827-4399

Attention: **Mr. Steve Pue**
Sr. Project Manager

Reference: **Scope of Work and Fee Proposal**
Construction Phase Services
BP-041, Rehabilitation of Taxiways - Phase I
Orlando Executive Airport

Dear Mr. Pue:

AVCON, INC. (AVCON) is pleased to submit herewith our proposed scope and fee to provide construction administration services for the above referenced project at Orlando Executive Airport.

As noted above, this proposal provides for the construction phase services, excluding OAR services, during the startup cycle, the actual construction of the project to verify fulfillment of contract requirements, and closeout documentation. The overall scope of work for the Construction Administration services is indicated in items 1-12 below. We have also split out the closeout phase services in our spreadsheet. These services comprise scope items 13 and 14 also as set forth below.

1. Review and advise Authority on Contractor's Schedule;
2. Prepare the Construction Management Plan for Testing and Acceptance of the completed work, including P-219, P-341, P-401SP, P-620, and Miscellaneous Materials and Electrical Items;
3. Attend the Pre-Construction Conference and act as the Authority's Consultant at the conferences;
4. Attend one (1) Pre-Paving Conference for P-401SP Superpave hot mix asphalt, visit the plant and provide substantial input to the review and approval process of the proposed paving operations of the Contractor;
5. Catalog, review and approve shop drawings, samples and other submissions as to conformance with design concept, permitting conditions and construction documents. Incorporate Authority comments with respect to the same;

6. Provide weekly (4 hours per week split alternately between electrical and civil) on-site project observation of the progress, quality and quantities of the executed work and to determine, in general, if the work is proceeding in accordance with the Contract Documents. The Consultant will not be responsible for the means, methods, techniques, sequences or procedures of the construction selected by the Contractor(s) or the safety precautions and programs incidental to the work of the Contractor(s). The Consultant's efforts will be directed toward determining whether the completed project will generally conform to the Contract Documents. During such visits and on the basis of on-site observations, the Consultant shall keep Authority informed of the progress of the work, shall endeavor to guard Authority against defects and deficiencies on the work of Contractor(s), and may disapprove or reject work as failing to conform to the Contract Documents;
7. Provide additional consultation and advice to Authority during all phases of the construction;
8. Attend eight (8) bi-weekly Job Coordination Meetings (JCMs);
9. Respond to various Requests for Information (RFIs), Job Memoranda (JM), and other field prepared inquiries;
10. Review Change Orders (COs) as prepared by the OAR staff;
11. Attend and document substantial completion inspections for each of the seven (7) sub-phases;
12. Review Contractor Applications for Payment;
13. Prepare Record Documents and AutoCAD discs based upon information supplied by Authority's OAR and construction Contractor; and
14. Receive and review written guarantees and other documents assembled by the Contractor(s) and the OAR for sufficiency.

For the Construction Administration Services outlined herein, we propose a total project fee of **Forty-four thousand five hundred - six and no/100 Dollars (\$44,506.00)**, broken down as follows:

Not-to-Exceed Labor Fees for Construction Phase Services (AVCON)	\$ 35,632.00
Not-to-Exceed Labor Fees for Project Closeout Services (AVCON)	\$ 7,924.00
Not-to Exceed Expenses	\$ 950.00
Total	\$ 44,506.00

Mr. Steve Pue
Proposal for Construction Phase Services
BP-041, Rehabilitation of Taxiways - Phase 1
Orlando Executive Airport
July 15, 2014 Page 3 of 3

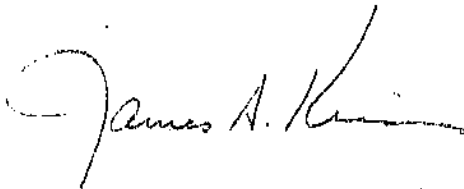
The attached **Exhibit A, Tables C5 and C6**, provide detailed breakdowns of labor, hourly rates and average hourly rate for your consideration. We will also continue to use ASG Reprographics to provide printing of all contract documents and drawings as required, along with closeout documents for a total participation of 1.69%. Three (3) Bids were received today for the project. If the Bid is awarded to the Apparent Low Bidder, the total Construction Cost will be **\$2,307,000**.

The work is anticipated to be performed over a total of two hundred-twenty (220) calendar-days to achieve substantial completion, including thirty (30) days to accomplish submittals and other startup activities, one hundred sixty-five (190) days for the construction work, followed by a forty-five (45) day period to achieve final completion and closeout.

If you have any questions regarding the project scope or fee, please feel free to call. We would be pleased to address these issues at your convenience. We stand ready to begin work immediately upon notification of the Notice-To-Proceed for the Contractor. It is our understanding the field construction work will begin in January 2015.

Sincerely,

AVCON, INC.



James A. Kriss, P.E.
Senior Project Manager

Enclosures

Cc: Tuan Nguyen, P.E., GOAA Engineering
Hilary Mauli, P.E., AVCON, INC.

TABLE C-3
BREAKDOWN OF NTE FEES

Position: AVCOON Name (Initials):	SENIOR PROJECT MANAGER \$225 / hr		PROJECT MANAGER \$170 / hr		SENIOR ENGINEER \$125 / hr		ENGINEER (Project) \$80 / hr		SENIOR DESIGNER \$75 / hr		ADMINISTRATIVE ASSISTANT \$57 / hr		TOTAL	
	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost
1. Review and advise the Authority on Contractor's schedule	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
2. Prepare Construction Management Plan for Accelerated Testing	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
3. Prepare to and facilitate Pre-Construction Conference and advise the Authority's Consultant of the Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
4. Attend the Pre-Opening Conference and provide additional guidance at the Conference	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
5. Conduct review and approve shop drawings, templates and other documents as to conformance with design concept, permitting construction documents incorporate Authority's comments with respect to the same	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
6. Provide weekly review (approximately 4 hours per week split between evening and full day) of the Contractor's work and the preceding work and its documents, in general, if the work is proceeding in accordance with the Contract Documents. The Consultant will not be responsible for the methods, materials, techniques, equipment, or procedures at the construction site selected by the Contractor. The Consultant will not be responsible for the work of the Contractor. The Consultant will not be responsible for determining whether the Contractor's work is in accordance with the Contract Documents. Oversee such work and on the basis of visible observations, the Consultant shall keep the Authority informed of the progress of the work, shall explain to the Authority the work and its documents on the work of the Contractor, and shall prepare a report with its findings to conform to the Contract Documents	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
7. Provide additional consultation and advice to Authority during all phases of the construction	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
8. Attend Eight (8) Bi-Weekly JCMs	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
9. Respond to RFIs & JCMs	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
10. Review C.O.s	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
11. Submit a Compliance Inspection	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
12. Review Contractor's Invoices	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Construction Administration	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
13. Prepare record drawings and AVCOON fees based upon information supplied by Authority's CMR and construction documents and	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
14. Review written guarantees and other document documents submitted by the Contractor(s) and the CMR	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL NOT-TO-EXCEED REIMBURSABLE FEE	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0

NOTES:
1. A separate spreadsheet is required for each consultant/subconsultant with any portion of its services to be compensated on a NTE basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

TABLE C-6

BREAKDOWN OF NOT TO EXCEED REIMBURSABLE EXPENSES

REIMBURSABLE EXPENSES

A complete breakdown of estimated reimbursable expenses, if any, which will be compensated on a not to exceed reimbursable basis, shall be included in this section. The Consultant may use any format for this breakdown, provided that it clearly defines the basis for the not to exceed amount. A breakdown of each subconsultant's expenses is also required.

Construction Phase Services

Printing Documents and CD (ASG)	\$	500.00
Miscellaneous Courier, Postage, Expenses	\$	200.00
Subtotal Const.	\$	700.00
Final Printing of Record Documents and CD (ASG)	\$	250.00
Subtotal Closeout	\$	250.00
Total Reimbursable Expenses	\$	950.00



GREATER ORLANDO AVIATION AUTHORITY

One Jeff Fuqua Boulevard
Orlando, FL 32827
407.825.7171

MEMORANDUM

TO: Members of the Construction Committee

FROM: Michelle Tatom, Director of Small Business Development *MT/ST*

DATE: July 29, 2014

SUBJECT: Request for Recommendation of Approval of an Addendum to the Continuing Civil Engineering and Professional Engineering Consultant Services Agreement with AVCON, Inc. for Construction Administration Phase Services for BP-041, Rehabilitation of Taxiways - Phase 1, Orlando Executive Airport.

We have reviewed the qualifications of the subject contract's DBE specifications and determined that, due to the limited scope of the required services, AVCON, Inc. does not propose any DBE participation on this Amendment/Addendum.

Our analysis indicates that AVCON, Inc. is eligible for award of the subject contract.

THIS PAGE INTENTIONALLY LEFT BLANK.



February 9, 2006

Ms. Kathy Anderson
Manager-Contracts, Engineering & Construction
Greater Orlando Aviation Authority
One Airport Blvd.
Orlando, FL 32827-4399

RE: Independent Cost Estimate Qualifications

Dear Ms. Anderson:

What follows is a brief overview of R W Block Consulting, Inc (RWBC) qualifications and experience in preparing Independent Cost Estimates (ICEs) on scope of services with a value in excess of \$100,000 funded by Airport Improvement Program (AIP) funds. As required in FAA AC 150/5100-14D, RWBC maintains strict independence with any firm providing services to the Greater Orlando Aviation Authority (Authority).

Since 2002, RWBC has prepared ICE's for the Authority on a wide range of projects including security, airfield, infrastructure and terminal work for Architect/Engineer as well as Owner Authorized Representative (OAR) services. Further, our staff providing these services has over 10+ years average experience in the construction and aviation industries both as project managers and consultants. RWBC has also provided cost evaluation analyzes and estimates to other airports including Indianapolis International Airport. We are very familiar with AIP requirements, with our staff having worked with this program for over 10 years.

We trust that the qualifications presented herein meet your requirements. Should you need additional information, do not hesitate to contact me at (407) 256-0509.

Sincerely,

Roy W Block
President,
RW Block Consulting, Inc.

Greater Orlando Aviation Authority
 BP-41 OEA Rehabilitation of Twy B, E and E6
 Independent Fee Estimate for Construction Phase OAR Services
 R W Block Consulting, Inc
 Date: 7/18/2014

SUMMARY OF TOTAL FEE ESTIMATE

LUMP SUM FEE:	\$ 156,428
NOT TO EXCEED REIMBURSABLE FEE:	
NOT TO EXCEED REIMBURSABLE EXPENSES:	\$ 35,000
TOTAL FEE ESTIMATE:	\$ 191,428

Firm	Services		Fee	Hours of Effort	AVG Hourly Rate
URS	Lead OAR	LS	21,584	142	\$ 152.00
GCI	Civil Inspection	LS	69,948	804	\$ 87.00
PSA	Electrical/Lighting Inspection	LS	64,896	676	\$ 96.00
FEE:			\$ 156,428	1,622	\$ 96.44
REIMBURSABLE EXPENSES:			\$ 35,000		
TOTAL FEE:			\$ 191,428		

Construction Estimate: \$ 2,307,163

FEE AS % OF CONSTRUCTION: 8.3%

Construction Budget (Low Bid)

Base Bid 2,307,163

Total Construction Budget (Low Bid) 2,307,163

Greater Orlando Aviation Authority
 BP-41 OEA Rehabilitation of Twy B, E and E6
 Independent Fee Estimate for Construction Phase OAR Services
 R W Block Consulting, Inc
 Date: 7/18/2014

Task											
Firm	Position	Rate	Mobilization(1.0 mo)		Construction(7.3 mo)		Closeout(1.0 mo)				
			Hours	Extension	Hours	Extension	Hours	Extension	Hours	Extension	Hours
URS - Lead OAR											
	Senior Project Manager	\$ 152.00	-	-	10	1,520	112	17,024	20	3,040	21,584
			-	-	10	1,520	112	17,024	20	3,040	21,584
GCI - CIVIL											
	Senior Civil Inspector	\$ 87.00	-	-	20	1,740	744	64,728	40	3,480	68,948
			-	-	20	1,740	744	64,728	40	3,480	68,948
PSA - ELECTRICAL											
	Senior Electrical Inspector	\$ 88.00	-	-	-	-	676	64,896	-	-	64,896
			-	-	-	-	676	64,896	-	-	64,896
TOTAL:			-	\$ -	30	\$ 3,260	1,632	\$ 145,648	60	\$ 6,520	\$ 156,428
TOTAL FEE:											
Reimbursable Expenses: (allowance)											
TOTAL:											



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5850-B Cargo Road
Orlando, Florida 32827

Memorandum

To: Members of the Construction Committee

From: Steve S. Pue, Senior Project Manager *SSP*

Date: July 16, 2014

Re: Request for Recommendation of Approval to the Continuing Program and Project Management Services Agreement with URS Corporation to Provide Construction Phase OAR Services for BP-41, OEA Rehabilitation of Taxiways – Phase I
Orlando Executive Airport

Attached is a proposal dated July 15, 2014, from URS, for Continuing Program and Project Management Services to provide Construction Phase OAR Services for BP-41, OEA Rehabilitation of Taxiways – Phase I. This project includes the rehabilitation of Taxiway E from Runway 076/25 to the Taxiway E-1. URS, Corporation proposed to provide these services for the following compensation:

Reimbursable Fee Staffing Costs (NTE)	\$ 150,055.00 ✓
Reimbursable Expenses (NTE)	\$ 36,500.00 ✓
Total for Base Bid (NTE)	\$ 186,555.00 ✓

This continuing consultant was selected for this task based on (☒ all that apply):

<input checked="" type="checkbox"/> Experience	<input checked="" type="checkbox"/> Available Personnel	<input checked="" type="checkbox"/> Current Workload
<input type="checkbox"/> Expertise	<input checked="" type="checkbox"/> Equitable Distribution	<input type="checkbox"/> Other: _____

The DBE participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

and OEA Revenue Funds
Funding is from FAA, FDOT grant. Funding source verified by *Ram L. Henriquez*
Construction Finance on 7/25/14 as correct and available.

It is respectfully requested that the Construction Committee recommend to the Authority Board approval of an Addendum to the Continuing Program and Project Management Services Agreement with URS Corporation, in a not to exceed amount of \$186,555.00 contingent upon receiving an FAA, FDOT grants to provide OAR Services for BP-41 as further described in URS proposal dated July 15, 2014.

L/S Fees	-
NTE Fees	\$ 150,055
NTE Exp.	36,500
TOTAL	\$ 186,555
RWBC	<i>8/1</i>

Item 6

(Construction Committee 7/29/2014)



July 14, 2014

Mr. Steve Pue
Project Manager
Greater Orlando Aviation Authority
5850 Cargo Road
Orlando, FL 32827-4399

Re: Continuing Program and Project Management Services Consultant
Orlando International and Executive Airports
BP-041 OEA Rehabilitation of Taxiways – Phase I

Dear Mr. Pue:

In accordance with our conversations, and as per your request, we hereby submit our OAR fee proposal for the above-referenced project.

PROJECT DESCRIPTION

The BP-041 project scope includes the rehabilitation of existing asphalt pavement (i.e., mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B at the Orlando Executive Airport. The scope also includes the reconstruction and realignment of Taxiway E6 and associated grating.

SERVICES

This fee addendum includes project management and inspection services throughout the duration of this project. We have also included allowances for QA material testing and QA surveying inspections.

FEE SUMMARY

Based upon the attached worksheets, anticipated staffing plan and reimbursable services for surveying and material testing, we propose our staffing portion of this project not to exceed **\$150,055.00** (Staffing fee for the entire project). We further propose to include QA survey inspections and QA material inspection services for a not to exceed amount of **\$36,000.00** and **\$500.00** misc. expenses. **Total NTE Fee \$186,555.00.** (Total project fee).

Our staffing plan is based on a Notice to Proceed of 01/--/15 with 220 days to attain project substantial completion and 45 days for project close-out to final completion.

DBE PARTICIPATION

The projected DBE participation is estimated at 76%. Participation of sub-consultants include: GCI, PSA and Page I.

Thank you for the opportunity to provide this fee proposal.

Respectfully,
URS Corporation

John Guirges
Program Manager
Enclosure: Exhibit A

Construction Phase OAR Staffing Manhours

Role	Name	Firm	Hourly Rate (\$)	Total Hours	Total Fee (\$)
Project Manager	Don Corthell	URS	106.00	200	\$21,200.00
Subtotal URS					\$21,200.00
<i>Subcontractors / Reimbursable Allowance</i>					
Admin./Document Control/Certified Payroll	Becky McKeown	PSA	55.00	230	\$12,650.00
Senior Civil Inspector	Rich Dobbyn	GCI	87.00	635	\$55,245.00
APM/Airfield Electrical Inspector	Brian Butler	PSA	96.00	635	\$60,960.00
Reimbursable Expenses		(See detail)			\$36,500.00
Subtotal Sub-consultants					\$165,355.00
TOTAL FEE					\$186,555.00

DBE / MWBE / LDB Participation

Firm	DBE	MWBE	LDB	Fee Amount	Percentage Utilized
GCI	X	X		\$55,245.00	29.61%
Page One	X		X	\$12,000.00	6.43%
PSA	X	X		\$73,610.00	39.45%
TOTAL					75.49%

DRAFT 7/16/14

BP-41 OEA Rehabilitation of Taxiways - Phase I STAFFING SCHEDULE

SCHEDULE: OAR CONSTRUCTION SERVICES

192 Days Base Bid with 45 days closeout			1700 check hours														
ROLE	FIRM	INDIVIDUAL*	NTP Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-16	Jun-16	Jul-16	Aug-16	Total Hours	Hourly Rates	Total \$	DB/REBELDS Participation	Individual Participation %	
Senior Project Manager	URS	John Gutierrez	0	0	0	0	0	0	0	0	0	0	\$ 157.00	\$ -			
Project Manager	URS	Don Corbhal	10	40	40	20	20	20	20	20	10	200	\$ 105.00	\$ 21,200.00			
Senior Civil Inspector	URS	Richard Hobbs	10	50	100	80	80	80	80	100	15	1635	\$ 87.00	\$ 142,245.00	\$ 5,924.00	20.51% DBE	
Inspector	PSA	Brian Butler	10	90	100	80	80	80	80	100	15	1635	\$ 80.00	\$ 131,080.00	\$ 76,080.00	32.86% DBE	
Administration/Die Control/Cert. Payroll	PSA	Becky McKeown	10	40	20	20	20	20	20	20	10	200	\$ 55.00	\$ 11,000.00	\$ 12,650.00	67.8% DBE	
TOTAL STAFF HOURS			40	260	260	200	200	200	200	240	100	1700		\$150,055.00			
Reimbursable Expenses																	
Misc. Expenses		Fed Ex, Mail, Print															
Material QA Testing P&I		Page One													\$500		
Material QA Testing Suits		Torrison													\$12,000	\$12,000	6.48%
Survey QA		URS													\$15,000		
Total support services															\$9,000		
TOTAL OAR FEE NTE															\$29,500	\$140,555.00	Total DBE
ANTICIPATED MEETINGS: Pre NTP Meeting, Pre-Construction Conference, Pre-Inspector Testing Meetings, POUA and Bi-Weekly ICMEs																\$185,555.00	76%

220 days - Substantial Completion +45 days for Final Completion

* NTP/Dec prep for job, review etc

* First two months heavier inspection and PM services to ensure project starts as planned/flush issues

Includes survey and testing

Estimated Construction Budget	\$2,307,183.00
URS Staffing DBE Fee %	8.50%
Material Fee/Support Survey %	1.50%
Total Fee %	8.00%

TABLE C-7a DBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
GCI		Sr Civil Inspector	\$85,245.00	29.5%
Page One Consultants		Materials Testing	\$12,000.00	6.4%
PSA Constructors, Inc.		Sr. Electrical Inspector	\$60,960.00	32.5%
PSA Constructors, Inc.		Administrative/Document Control/Certified Payroll	\$12,650.00	6.7%
TOTAL PROPOSED PARTICIPATION			\$140,855.00	76.6%

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
TOTAL PROPOSED PARTICIPATION				\$0.00	0.0%

TABLE C-7c LDB PARTICIPATION SCHEDULE

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
TOTAL PROPOSED PARTICIPATION			\$0.00	0.0%



GREATER ORLANDO AVIATION AUTHORITY

One Jeff Fuqua Boulevard
Orlando, FL 32827
407.825.7171

MEMORANDUM

TO: Members of the Construction Committee

FROM: Michelle Tatom, Director of Small Business Development *MT/ST*

DATE: July 29, 2014

SUBJECT: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with URS Corporation for Construction Phase OAR Services for BP-041, Rehabilitation of Taxiways - Phase 1, Orlando Executive Airport.

We have reviewed the qualifications of the subject contract's DBE specifications and determined that URS Corporation proposes 75.5% DBE participation on this Amendment/Addendum.

Our analysis indicates that URS Corporation is eligible for award of the subject contract.

DBE UTILIZATION FORM FOR FEDERALLY FUNDED PROJECTS
PLEASE COMPLETE THIS FORM

This form should be used to report Construction and Engineering / Professional Services activities.

1 Name of Airport: Orlando International Airport Telephone No: (407) 825-7171
 2 Address: One Jeff Fuqua Boulevard, Orlando, FL 32827
 3 Project Name & Number: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with URS Corporation for Construction Phase OAR Services for BP-041, Rehabilitation of Taxways - Phase 1, Orlando Executive Airport.

4 a. Date of Award: _____
 5 a. Contract Amt.: _____
 6 a. DBE Goal by Group Representation:
 Construction: _____
 FAA Approved DBE Goal: 10%
 DBE Goal by Group Representation:
 Black American _____
 Hispanic American _____
 Asian Subcontinent American _____
 Native American _____
 Caucasian Female American _____
 Other _____
 Total DBE Goal _____

7 a. Construction Firm
 Name: Orlando
 Address: _____
 Telephone: _____
 Identity of DBE below * Subcontractors and ** Engineering/Professional Firms (e.g., Black American, Hispanic American, Native American, Asian Subcontinent, Aden Pacific, Female, Other):
 a. Name and Address of DBE Subcontractor
 Identity: _____
 Name: _____
 Address: _____
 Telephone: _____
 b. Name and Address of DBE Subcontractant
 Identity: _____
 Name: _____
 Address: _____
 Telephone: _____

8 Identity of DBE below * Subcontractors and ** Engineering/Professional Firms (e.g., Black American, Hispanic American, Native American, Asian Subcontinent, Aden Pacific, Female, Other):
 9 a. Name and Address of DBE Subcontractor
 Identity: _____
 Name: _____
 Address: _____
 Telephone: _____
 10 a. * Work Item(s) _____
 11 a. Amount of Subcontract _____
 12 a. Percent of Prime Contract: _____

I certify that the above information is accurate.

Signature: Michelle Talom Date: 7/29/2014

For: Michelle Talom, Director of Small Business Development

DBE Subcontractor/Subconsultant Certification

Project Name & Number: Request for Approval of an Addendum to the Continuing Program and Project Management Services Agreement with URS Corporation for Construction Phase OAR Services for BP-041, Rehabilitation of Taxiways - Phase 1, Orlando Executive Airport.

Prime Firm: URS Corporation

Contract Amount: \$186,555.00

Company Name	<u>Geotech Consultant International, Inc.</u>	<u>Page One Consultants, Inc.</u>
Address	<u>2290 North County Road 427, Ste. 100</u>	<u>5780 Hoffner Avenue, Suite 401</u>
City, State, Zip	<u>Longwood, FL 32750</u>	<u>Orlando, FL 32822</u>
Phone	<u>407.331.6332</u>	<u>407.275.5120</u>
Identity	<u>Black American</u>	<u>Caucasian</u>
Work Item	<u>Civil Inspection Services</u>	<u>Material testing Services</u>
Amount of Subcontract	<u>55,245.00</u>	<u>12,000.00</u>
Percentage of Prime Contract	<u>29.61%</u>	<u>6.43%</u>

Company Name	<u>PSA Constructors, Inc.</u>
Address	<u>1516 Hillcrest Street, Suite 310</u>
City, State, Zip	<u>Orlando, FL 32803</u>
Phone	<u>407.898.9119</u>
Identity	<u>Black American</u>
Work Item	<u>Electrical Inspection/Document Control</u>
Amount of Subcontract	<u>73,610.00</u>
Percentage of Prime Contract	<u>39.46%</u>

Company Name	<u></u>
Address	<u></u>
City, State, Zip	<u></u>
Phone	<u></u>
Identity	<u></u>
Work Item	<u></u>
Amount of Subcontract	<u></u>
Percentage of Prime Contract	<u></u>

\$	<u>140,855.00</u>	75.50%
\$	<u>186,555.00</u>	



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: Members of the Construction Committee

From: Tuan Nguyen *TN*

Date: July 23, 2014

Re: Request for Recommendation of Approval for an Amendment to Addendum No. 2 of the Continuing Civil Engineering and Professional Engineering Consultant Services Agreement with AVCON, Inc. for Additional Design-Bid-Award Phase Services for BP-41 OEA Rehabilitation of Taxiways – Phase 1 at the Orlando Executive Airport

The above-referenced project consists of the rehabilitation of the existing asphalt pavement (mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B. In addition, the project consists of the reconstruction and realignment of Taxiway E6 and associated grading.

The consultant's attached proposal, dated July 21, 2014, is for providing additional design services during the design phase for the referenced project, responding to a request from the FAA in order to comply with the current FAA geometric layout standards for the referenced taxiways. These services were not anticipated for the original scope of a pavement maintenance mill and overlay project. Refer to the attached proposal for detailed scope of services.

The DBE participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

GOAA expects receiving grants from the FAA and the FDOT. GOAA has submitted a pre-application to the FAA and the FDOT in January 2014. The final application will be submitted once the Construction Committee approves this request. Funding will be from the FAA and FDOT grants and OEA Revenue Fund. Funding source verified by *Pam LeBeureux* of Construction Finance on 7/25/14 as correct and available.

Item 7
(Construction Committee 7/29/2014)

It is respectfully requested that the Construction Committee recommend to the Authority Board approval for an Amendment to Addendum No. 2 of the Continuing Civil Engineering and Professional Engineering Consultant Services Agreement with AVCON, Inc. for additional Design-Bid-Award Phase Services for BP-41, OEA Taxiways Rehabilitation – Phase 1 at the Orlando Executive Airport, for a total fee amount of \$48,268.50, which consists of a lump sum fee amount of \$42,946.00, a not-to-exceed reimbursable fee amount of \$5,200.00, and a not-to-exceed reimbursable expenses amount of \$122.50, contingent upon the following:

1. Receiving the FAA and FDOT grants
2. Receiving approval for OEA Revenue Fund.

L/S Bid	\$42,946.00
Unit Price	5,200.00
Allowances	122.50
TOTAL	\$48,268.50
RWBC	OK



AVCON, INC.
ENGINEERS & PLANNERS

5555 E. Michigan St., Suite 200
Orlando, Florida 32822
Phone: (407) 599-1122
Email: avcon@avconinc.com
www.avconinc.com

Z:\Orlando\070 - GOAA\2014\2014.070.03 - OEA BP-041 Taxiway Rehab - CPS\BP-041
Additional Design Services Proposal_7-2-14.doc

July 21, 2014

Mr. Tuan Nguyen, P.E.
Senior Project Manager
Planning and Engineering
Greater Orlando Aviation Authority
5855 Cargo Road
Orlando International Airport
Orlando, FL 32827

Attention: Steve Pue
GOAA Construction Manager

Reference: Transmittal of Scope and Fee Proposal
Additional Design Phase Services
BP-041, Rehabilitation of Taxiways – Phase I
Orlando Executive Airport

Dear Mr. Pue:

Pursuant to **AVCON, INC.'s (AVCON's)** recent discussions with you and Mr. Nguyen, we are pleased to provide this proposal for Additional Design Phase Services for the Rehabilitation of Taxiways – Phase I Project, Bid Package BP-041 at the Orlando Executive Airport (OEA) for the Greater Orlando Aviation Authority (Authority).

As you may recall, additional design was required in order to meet new Federal Aviation Administration (FAA) geometric layout standards. Per meetings with the Authority and the FAA prior to moving forward with the work, all Additional Design Services are AIP eligible and may be paid for as part of the FAA Grant to complete the construction portion of the project. The attached **Exhibits A1 and A2** identifying the original project limits (existing geometry), as well as the proposed limits of design/construction showing the final geometry, respectively. Below please find a listing of the additional tasks accomplished in order to complete the work as shown on **Exhibit A2**:

1. Three (3) additional design layouts of geometric tie-ins for new fillet pavements (TDG-2; TDG-3, and Pathplanner layout per Gulfstream III), including shoulders;
2. Preparation of two (2) additional Modification of Standards (MOS) to FAA design requirements. Specifically:

A. Taxiway E6 geometry between Runway 13-31 and Taxiway E

The critical aircraft for Runway 13-31 is the Gulfstream I, an Airplane Design Group, or ADG, B-II and Taxiway Design Group, or TDG-2 aircraft. The critical aircraft for Runway 7-25 is the Gulfstream III, an Airplane Design Group, or ADG, C-II and Taxiway Design Group, or TDG-3 aircraft. While Taxiway E6 acts primarily as an



end connector for Runway 13-31, and would typically reflect a geometric layout of TDG-2 aircraft. It also serves all aircraft using the airport as an access to the Compass Rose. Therefore, an MOS was submitted to allow geometric layout of a TDG-3 aircraft for Taxiway E6.

B. Taxiway E geometry at the Intersection of Runway 7-25

When the guidance established in the recently released FAA Advisory Circular (AC) 150/5300-13A is applied to the proposed geometric layout at Taxiway E and Runway 7-25, the amount of pavement in this intersection is greatly reduced, which is not desirable. Therefore, an MOS is being submitted to allow the geometric layout at the Intersection of Taxiway E and Runway 7-25 to remain as-is, in an effort to maintain safety on the airfield.

3. Lighting system design based on above geometric layout (impacts to electrical manholes, signs, etc.);
4. Two (2) additional meetings with the FAA to coordinate the above geometric design and MOS submittals;
5. Design of grading to accommodate new geometry (impacts to existing drainage features);
6. Coordination with St. Johns River Water Management District (SJRWMD) to determine permit requirements;
7. Preparation and submittal of a Letter Modification to the SJRWMD Master Stormwater Drainage Permit due to increase in impervious area, which included performing an inspection of the existing treatment pond and preparing and operational certification by a Professional Engineer;
8. Additional Topographic Project survey;
9. Internal QA/QC of Additional Design work.

This fee includes a Lump Sum Fee of Forty-Two Thousand, Nine Hundred Forty-Six and 00/100 dollars (**\$42,946.00**) for AVCON's Additional Design labor fees and a Not-to-Exceed Fee of Five Thousand Three Hundred Twenty-two and 50/100 dollars (**\$5,322.50**) for reimbursable expenses comprising a SJRWMD permitting fee and additional design survey costs to complete the project. See attached **Exhibit B** for a detailed fee breakdown.

With regard to our DBE participation on the above, we have identified the following areas of involvement:

Surveying and Mapping

Barnes Ferland & Associates (BFA)

Based on our proposed fee for the required work effort, we have calculated a DBE participation of 10.77% on this assignment. See **Exhibit A, Table C-7**.

AVCON's final construction cost estimate for this project was **\$2,115,725.00**.

Mr. Steve Pue
Proposal for Additional Design Phase Services
BP-041 Rehabilitation of Taxiways – Phase I
Orlando Executive Airport
July 21, 2014 Page 3



Thank you again for the opportunity to serve you on this important project. We look forward to another successful project with the Authority.

Sincerely,

AVCON, INC.

A handwritten signature in black ink, reading "James A. Kriss". The signature is fluid and cursive, with a large initial "J" and a long, sweeping underline.

James A. Kriss, P.E.
Senior Project Manager

Enclosures as noted

Cc: Tuan Nguyen, PE, GOAA Engineering
Hillary W. Maul, PE, AVCON, Inc.

EX. A1



Florida Department of Transportation
BP-Q41

REHABILITATION
OF TAXIWAYS

PHASE 1

ORLANDO
EXECUTIVE
AIRPORT

AVCON

AVCON

Revisions

No. Date Description

1 10/1/88 Initial Design

2 10/1/88 Final Design

3 10/1/88 Final Design

4 10/1/88 Final Design

5 10/1/88 Final Design

6 10/1/88 Final Design

7 10/1/88 Final Design

8 10/1/88 Final Design

9 10/1/88 Final Design

10 10/1/88 Final Design

11 10/1/88 Final Design

12 10/1/88 Final Design

13 10/1/88 Final Design

14 10/1/88 Final Design

15 10/1/88 Final Design

16 10/1/88 Final Design

17 10/1/88 Final Design

18 10/1/88 Final Design

19 10/1/88 Final Design

20 10/1/88 Final Design

OVERALL
GEOMETRY PLAN

80 DOCUMENTS

EX. A2

Scale
1" = 100'
GRAPHIC SCALE

LEGEND

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

CONSTRUCTION OF TAXIWAYS
AND RUNWAYS

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-1
SUMMARY OF TOTAL CONTRACT VALUE

Phase of Project:	Additional Design	Schematic 30%	Development 60%	Const. Docs. 95%	Bidding & Award	SUBTOTAL	Const. Admin.	Record Documents	TOTAL CONTRACT
1.0 Lump Sum Fee:	\$42,946.00	\$0.00	\$0.00	\$0.00	\$0.00	\$42,946.00	\$0.00	\$0.00	\$42,946.00
2.0 Not to Exceed Reimbursable Fee:	\$5,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,200.00	\$0.00	\$0.00	\$5,200.00
3.0 Not to Exceed Reimbursable Expenses:	\$122.50	\$0.00	\$0.00	\$0.00	\$0.00	\$122.50	\$0.00	\$0.00	\$122.50
4.0 TOTAL CONTRACT VALUE:	\$48,268.50	\$0.00	\$0.00	\$0.00	\$0.00	\$48,268.50	\$0.00	\$0.00	\$48,268.50

Total Lump Sum Labor Hours:	372	0	0	0	0	372	0	0	372
Total Not to Exceed Reimbursable Labor Hours:	52	0	0	0	0	52	0	0	52
TOTAL LABOR HOURS:	424	0	0	0	0	424	0	0	424
Average Hourly Rate:	\$113.55	\$0.00	\$0.00	\$0.00	\$0.00	\$113.55	\$0.00	\$0.00	\$113.55

Notes:

1. The lump sum cells in Table C-1 are linked to Table C-2 values
2. The Not to Exceed cells in Table C-1 are linked to Table C-4 values
3. The linked cells are based on a maximum of 5 subconsultants; if more than 5 are included enter all values manually.

AVCON, INC.

Table C - 1

7/22/2014

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL

TABLE C-2

SUMMARY OF LUMP SUM FEES

Phase of Project	Additional Design		Schematic (30%)		Development (60%)		Const. Docs. (90%)		Bidding & Award		Const. Admin.		Record Documents		TOTAL	
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee
Consultant																
Lump Sum Fee Subtotal	372	\$42,946.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	372	\$42,946.00
Subcontractant No. 1																
Lump Sum Fee Subtotal																
Subcontractant No. 2																
Lump Sum Fee Subtotal																
Subcontractant No. 3																
Lump Sum Fee Subtotal																
Subcontractant No. 4																
Lump Sum Fee Subtotal																
Subcontractant No. 5																
Lump Sum Fee Subtotal																
Total Lump Sum Amount:	372	\$ 42,946.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	0	\$ -	372	\$ 42,946.00
																\$115.45

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-3
BREAKDOWN OF LUMP SUM FEES

Position	Principal		Project Manager		Senior Engineer		Project Engineer		SR Designer/Technician		Administrative		TOTAL	
	Labor hours	Cost	Labor hours	Cost	Labor hours	Cost	Labor hours	Cost	Labor hours	Cost	Labor hours	Cost	Labor hours	Cost
Rate (\$/hour):	\$205 /		\$170 /		\$125 /		\$89 /		\$91 /		\$57 /			
Additional Design														
Three (3) additional design layouts of geometric forms of new lift pavements (TDG-2, TDG-3, and Particular layout per Gasstream B), including subgrades	50	\$10,250	20	\$3,400	8	\$1,000	24	\$2,376	60	\$5,460	0	\$0	112	\$12,226
Preparation of two (2) additional Modification of Standards (MOS) to FAA design requirements	50	\$10,250	40	\$6,800	8	\$1,000	0	\$0	0	\$0	8	\$456	64	\$9,048
Lighting system design based on above geometric layout (impacts to electrical map/photo, signs, etc.)	50	\$10,250	50	\$5,125	8	\$1,000	40	\$3,560	40	\$3,640	0	\$0	88	\$9,000
Two (2) additional meetings with the FAA to coordinate the above geometric design and MOS submittals	50	\$10,250	8	\$1,360	0	\$0	0	\$0	0	\$0	0	\$0	8	\$1,360
Design of grading to accommodate new geometry (impacts to existing drainage features)	50	\$10,250	8	\$1,360	8	\$1,000	0	\$0	40	\$3,640	0	\$0	56	\$5,600
Coordination with St. Johns River Water Management District (SURWMD) to determine permit requirements	50	\$10,250	4	\$680	2	\$250	0	\$0	0	\$0	0	\$0	6	\$930
Preparation and submittal of a Letter Modification to the SURWMD Master Stormwater Drainage Permit due to increase in impervious area, which included performing an inspection of the existing treatment pond and preparing and operational certification by a Professional Engineer	50	\$10,250	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Additional Topographic Project surveys (site visit/coordination)	50	\$10,250	4	\$680	16	\$2,000	0	\$0	8	\$728	2	\$114	26	\$3,182
Internal QAC/QC of Additional Design work	50	\$10,250	4	\$680	0	\$0	0	\$0	0	\$0	0	\$0	4	\$890
Internal QAC/QC of Additional Design work	50	\$10,250	4	\$680	4	\$500	0	\$0	0	\$0	0	\$0	8	\$910
Submittal Additional Design	50	\$10,250	0	\$0	54	\$6,750	72	\$7,224	148	\$13,468	10	\$570	372	\$42,946
Construction Administration														
Prepare/Review/Obtain/Coordinate/Confirm Documents/Drawings	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Attend Pre-NTIP Meeting	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Attend Pre-Construction Conference	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Site Visit/Check As-Built	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Review Contractor's Submittals	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Review Contractor's Invoices	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Review C.O.s	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Submittal Completion Inspection	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Final Completion Inspection	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Construction Administration	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Closeout														
Prepare Record Drawings/Documents	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Other Activities (List)	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Closeout	50	\$10,250	0	\$0	50	\$6,250	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL LUMP SUM FEE	2 / 5410	\$861 / \$14,620	861 / \$14,620	\$54 / \$6,750	54 / \$6,750	\$72 / \$7,224	148 / \$13,468	10 / \$570	372 / \$42,946	\$113				

NOTES:

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of it's services to be compensated on a lump sum basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

AVCON, INC.

Table C - 3

7/2/2014

EXHIBIT 8 - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-4
SUMMARY OF NOT TO EXCEED REIMBURSABLE FEES AND EXPENSES

Phase of Project:	Additional Design		Schematic (30%)		Development (60%)		Const. Docs. (95%)		Bidding & Award		Const. Admin.		Record Documents		TOTAL	
	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Total Fee	labor hours	Cost
Consultant:																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses	122.50	\$122.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$122.50
Sub-Total Designer	0	\$122.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$122.50
Earned Salary & Allowables, Inc.																
Not to Exceed Reimbursable Fee	52	\$5,200	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	52	\$5,200
Not to Exceed Reimbursable Expenses	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Subconsultant No. 1	52	\$5,200	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	52	\$5,200
Subconsultant No. 2																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Subconsultant No. 2	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Subconsultant No. 3																
Not to Exceed Reimbursable Fee	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Not to Exceed Reimbursable Expenses	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Subconsultant No. 3	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Total Not to Exceed Fee:	52	\$5,200	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$5,200
Total Not to Exceed Expenses:	122.50	\$122.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$122.50

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES

[illegible]

**EXHIBIT 8 - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-5
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE FEES**

Position: Rate (\$/Hour):	SENIOR SURVEYOR \$120		SURVEYOR \$85		2 PERSON SURVEY CROWN \$115		2 PERSON SUE CROWN \$140		SURVEY TECHNICIAN CADD \$75		SUE MANAGER \$75		TOTAL	
	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost	Labor Hours	Cost
Construction Documents (55%)														
Not Applicable to this Project	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Construction Documents (55%)	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Bidding and Award														
Not Applicable to this Project	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Bidding and Award	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Construction Administration														
Not Applicable to this Project														
Sub-Total Construction Administration	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Closeout														
Not Applicable to this Project	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Sub-Total Closeout	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
TOTAL LUMP SUM FEE:	4	\$480	0	\$0	25	\$3,220	0	\$0	20	\$1,200	0	\$0	5	\$600

NOTES:

1. A separate spreadsheet is required for each consultant/subconsultant with any portion of its services to be compensated on a NTE basis.
2. Each spreadsheet to be customized to accurately indicate the actual services to be provided for each phase of the Project.

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-6
BREAKDOWN OF NOT TO EXCEED REIMBURSABLE EXPENSES

REIMBURSABLE EXPENSES

A complete breakdown of estimated reimbursable expenses, if any, which will be compensated on a not to exceed reimbursable basis, shall be included in this section. The Consultant may use any format for this breakdown, provided that it clearly defines the basis for the not to exceed amount. A breakdown of each subconsultant's expenses is also required.

Permit Fee (SURWMD)	\$ 122.50
---------------------	-----------

AVCON, INC.

Table C - 6

7/22/2014

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL
TABLE C-7a, C-7b and C-7c
PARTICIPATION SCHEDULES

TABLE C-7a DBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	DBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Barnes Ferland & Associates, Inc.	Orlando, FL	DBE	Project Survey	\$5,200.00	10.77%
Subconsultant No. 3	Orlando, FL	DBE		\$0.00	0.00%
Subconsultant No. 4					0.00%
Subconsultant No. 5					0.00%
TOTAL PROPOSED PARTICIPATION				\$5,200.00	10.77%

TABLE C-7b MWBE PARTICIPATION SCHEDULE

NAME OF SUBCONSULTANT	ADDRESS	MWBE CLASSIFICATION	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Subconsultant No. 1	Orlando, FL	MWBE		\$0.00	0.00%
Subconsultant No. 2	Orlando, FL	MWBE		\$0.00	0.00%
Subconsultant No. 3	Orlando, FL	MWBE			0.00%
Subconsultant No. 4					0.00%
Subconsultant No. 5					0.00%
TOTAL PROPOSED PARTICIPATION				\$0.00	0.00%

TABLE C-7c LDB PARTICIPATION SCHEDULE

NAME OF FIRM	ADDRESS	PROPOSED SCOPE OF SERVICES	FEE	PROPOSED PARTICIPATION
Subconsultant No. 1	Orlando, FL	LDB	\$0.00	0.00%
Subconsultant No. 2	Orlando, FL	LDB	\$0.00	0.00%
Subconsultant No. 3	Orlando, FL	LDB	\$0.00	0.00%
Subconsultant No. 4				0.00%
Subconsultant No. 5				0.00%
TOTAL PROPOSED PARTICIPATION			\$0.00	0.00%

TOTAL CONTRACT AMOUNT

\$ 48,268.50

EXHIBIT B - CONSULTANT'S COMPENSATION PROPOSAL TABLE C-9

CONTRACT HOURLY RATES

All amounts invoiced by the Consultant as Reimbursable Fees shall be calculated on the basis of the actual number of hours of services rendered under this Agreement by each of the positions defined and by the new positions as identified below, multiplied by the corresponding Contract Hourly Rate, up to the Not to Exceed limit defined by the Agreement. Include information on positions held by both the design consultant and each subconsultant.

FIRM	POSITION	CONTRACT HOURLY RATE
AVCON, INC.	Senior Project Manager - O&QC	\$205.00
AVCON, INC.	Project Manager	\$170.00
AVCON, INC.	Senior Engineer	\$125.00
AVCON, INC.	Project Engineer	\$95.00
AVCON, INC.	Senior CADD Designer	\$81.00
AVCON, INC.	Clerical	\$57.00
Antillian	Project Manager	\$150.00
Antillian	Senior Engineer	\$150.00
Antillian	Project Engineer	\$130.00
Antillian	CADD Operator	\$80.00
AWK	Principal	\$180.00
AWK	Project Manager	\$115.00
AWK	Project Engineer	\$108.00
AWK	CADD Technician	\$67.00
AWK	Field Technician	\$47.00
BFA	Senior Surveyor	\$120.00
BFA	Surveyor	\$95.00
BFA	2 Person Survey Crew	\$115.00
BFA	3 Person Survey Crew	\$140.00
BFA	Survey Tech / CAD	\$75.00
BFA	SUE Manager	\$75.00
BFA	2 Person SUE Crew	\$140.00
BFA	3 Person SUE Crew	\$170.00
BMD	Associate	\$192.00
BMD	Senior Engineer - 12	\$167.00
BMD	Staff Engineer - 10	\$139.00
BMD	Assistant Engineer - 8	\$92.00
BMD	Technician	\$69.00
BMD	General Office	\$60.00
EMD	Project Director	\$114.00
EMD	Environmental Project Manager	\$114.00
EMD	Sr. Environmental Scientist 3	\$96.00
EMD	Sr. Environmental Scientist 1	\$74.00
EMD	Environmental Scientist	\$65.00
EMD	Environmental Technician	\$53.00
EMD	Clerical	\$46.00
YM	Principal	\$160.00
YM	Sr. Project Manager	\$160.00
YM	Project Manager	\$135.00
YM	Sr. Engineer	\$110.00
YM	Project Engineer/Designer	\$90.00
YM	Engineer/Designer	\$75.00
YM	Sr. CADD Technician	\$75.00
YM	CADD Technician	\$60.00
YM	Administrative/Clerical	\$50.00

AVCON, INC.

Table C - 9

7/22/2013



GREATER ORLANDO AVIATION AUTHORITY

One Jeff Fuqua Boulevard
Orlando, FL 32827
407.825.7171

MEMORANDUM

TO: Members of the Construction Committee

FROM: Michelle Tatom, Director of Small Business Development *mt/et*

DATE: July 29, 2014

SUBJECT: Request for Recommendation of Approval of an Amendment to Addendum No. 2 to the Continuing Civil Engineering and Professional Engineering Consultant Services Agreement with AVCON, Inc. for Additional Design-Bid-Award Phase Services for BP-041, Rehabilitation of Taxiways - Phase 1, Orlando Executive Airport.

We have reviewed the qualifications of the subject contract's DBE specifications and determined that AVCON, Inc. proposes 10.77% DBE participation on this Amendment/Addendum.

Our analysis indicates that AVCON, Inc. is eligible for award of the subject contract.

DBE UTILIZATION FORM FOR FEDERALLY FUNDED PROJECTS

PLEASE COMPLETE THIS FORM

This form should be used to report Construction and Engineering / Professional Services activities.

1 Name of Airport: Orlando International Airport Telephone No: (407) 825-7171
 2 Address: One Jeff Fuqua Boulevard, Orlando, FL 32827
 3 Project Name & Number: Request for Recommendation of Approval of an Amendment to Addendum No. 2 to the Continuing Civil Engineering and Professional Engineering Consultant Services Agreement with AVCON, Inc. for Additional Design-Bid-Award Phase Services for BP-041, Rehabilitation of
Tridways - Phase 1, Orlando Executive Airport

4 a. Date of Award: _____ Construction: _____
 5 a. Contract Amt.: _____
 FAA Approved DBE Goal: 15% Contract amount \$48,268.50
 6 a. DBE Goal by Group Representation:

	Actual Result	Actual Result
Black American	_____	_____
Hispanic American	_____	_____
Asian Subcontinent American	_____	_____
Asian Pacific American	_____	_____
Native American	_____	_____
Caucasian Female American	_____	_____
Other	_____	_____
Total DBE Goal	_____	_____

 DBE Goal by Group Representation:
 Black American 5,200.00 Actual Result 10.8%
 Hispanic American - Actual Result -
 Asian Subcontinent American - Actual Result -
 Asian Pacific American - Actual Result -
 Native American - Actual Result -
 Caucasian Female American - Actual Result -
 Other - Actual Result -
 Total DBE Goal 5,200.00 Actual Result 10.8%

7 a. Construction Firm
 Name: _____
 Address: _____
 Telephone: _____
 Identity of DBE below * Subcontractors and ** Engineering/Professional Firms (e.g., Black American, Hispanic American, Native American, Asian Subcontinent, Asian Pacific, Female, Other):
 a. Name and Address of DBE Subcontractor
 Name: AVCON, Inc.
 Address: 5555 E. Michigan Street Suite 200
Orlando, FL 32822
 Telephone: 407 599 1122
 Identity: Black American

8 a. Name and Address of DBE Subcontractor
 Name: Barnes, Forland & Associates, Inc.
 Address: 1230 Hillcrest Street
Orlando, FL 32803
 Telephone: 407 865 8908
 Identity: Black American

10 a. * Work Item(s) Surveying Services
 11 a. Amount of Subcontract \$5,200.00
 12 a. Percent of Prime Contract: 10.77%

I certify that the above information is accurate.

Signature: Schindler

Date: 7/29/2014

For: Michelle Tatom, Director of Small Business Development

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION

SELECTION OF CONSULTANTS

City of Orlando via Greater
Orlando Aviation Authority

(Sponsor)

Orlando Executive Airport

(Airport)

3-12-0058-XXX-2014

(Project Number)

Description of Work:

BP-041, OEA Rehabilitation of Taxiways - Phase 1

Rehabilitation of existing asphalt pavement (i.e., mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B at the Orlando Executive Airport. The scope also includes the reconstruction and realignment of Taxiway E6 and associated grating.

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General standards for selection of consultant services within Federal grant programs are described in Title 49, Code of Federal Regulations (CFR), Part 18.36. Sponsors may use other qualifications-based procedures provided they are equivalent to specific standards in 49 CFR 18 and FAA Advisory Circular 150/5100-14, Architectural, Engineering, and Planning Consultant Services for Airport Grant Projects.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standard.

	Yes	No	N/A
1. Solicitations <u>were</u> or will be made to ensure fair and open competition from a wide area of interest.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Consultants <u>were</u> or will be selected using competitive procedures based on qualifications, experience, and disadvantaged enterprise requirements with the fees determined through negotiations.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. A record of negotiations <u>has been</u> or will be prepared reflecting considerations involved in the establishment of fees, which are not significantly above the sponsor's independent cost estimate.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. If engineering or other services are to be performed by sponsor force account personnel, prior approval <u>was</u> or will be obtained from the FAA.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The consultant services contracts <u>clearly establish</u> or will clearly establish the scope of work and delineate the division of responsibilities between all parties engaged in carrying out elements of the project.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Costs associated with work ineligible for AIP funding <u>are</u> or will be clearly identified and separated from eligible items in solicitations, contracts, and related project documents.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | Yes | No | N/A |
|--|-------------------------------------|--------------------------|--------------------------|
| 7. Mandatory contact provisions for grant-assisted contracts <u>have been</u> or will be included in consultant services contracts. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. The cost-plus-percentage-of-cost methods of contracting prohibited under Federal standards <u>were not</u> or will not be used. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. If the services being procured cover more than the single grant project referenced in this certification, the scope of work <u>was</u> or will be specifically described in the advertisement, and future work will not be initiated beyond five years. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have prepared documentation attached hereto for any item marked "no" that is correct and complete.

City of Orlando via Greater Orlando Aviation Authority

(Name of Sponsor)

(Signature of Sponsor's Designated Official Representative)

Stanley J. Thornton

(Typed Name of Sponsor's Designated Official Representative)

Chief Operating Officer

(Typed Title of Sponsor's Designated Official Representative)

7-30-14

(Date)

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION**

PROJECT PLANS AND SPECIFICATIONS

City of Orlando via Greater
Orlando Aviation Authority

(Sponsor)

Orlando Executive Airport

(Airport)

3-12-0058-XXX-2014

(Project Number)

Description of Work:

BP-041, OEA Rehabilitation of Taxiways - Phase 1

Rehabilitation of existing asphalt pavement (i.e., mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B at the Orlando Executive Airport. The scope also includes the reconstruction and realignment of Taxiway E6 and associated grating.

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). AIP standards are generally described in FAA Advisory Circular (AC) 150/5100-6, Labor Requirements for the Airport Improvement Program, AC 150/5100-15, Civil Rights Requirements for the Airport Improvement Program, and AC 150/5100-16, Airport Improvement Program Grant Assurance One--General Federal Requirements. A list of current advisory circulars with specific standards for design or construction of airports as well as procurement/installation of equipment and facilities is referenced in standard airport sponsor Grant Assurance 34 contained in the grant agreement.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standards.

	Yes	No	N/A
1. The plans and specifications <u>were</u> (will be) prepared in accordance with applicable Federal standards and requirements, so no deviation or modification to standards set forth in the advisory circulars, or State standard, is necessary other than those previously approved by the FAA.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Specifications for the procurement of equipment <u>are not</u> (will not be) proprietary or written so as to restrict competition. At least two manufacturers can meet the specification.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The development <u>included</u> (to be included) in the plans is depicted on the airport layout plan approved by the FAA.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Development that is ineligible for AIP funding <u>has been</u> (will be) omitted from the plans and specifications.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. The process control and acceptance tests required for the project by standards contained in Advisory Circular 150/5370-10 <u>are</u> (will be) included in the project specifications.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. If a value engineering clause is incorporated into the contract, concurrence <u>was</u> (will be) obtained from the FAA.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- | | Yes | No | N/A |
|---|-------------------------------------|--------------------------|--------------------------|
| 7. The plans and specifications <u>incorporate</u> (will incorporate) applicable requirements and recommendations set forth in the Federally approved environmental finding. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. For construction activities within or near aircraft operational areas, the requirements contained in Advisory Circular 150/5370-2 <u>have been</u> (will be) discussed with the FAA as well as incorporated into the specifications, and a safety/phasing plan has FAA's concurrence, if required. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. The project was <u>(will be)</u> physically completed without Federal participation in costs due to errors and omissions in the plans and specifications that were foreseeable at the time of project design. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have prepared documentation attached hereto for any item marked "no" that is correct and complete.

City of Orlando via Greater Orlando Aviation Authority

(Name of Sponsor)



(Signature of Sponsor's Designated Official Representative)

Stanley J. Thornton

(Typed Name of Sponsor's Designated Official Representative)

Chief Operating Officer

(Typed Title of Sponsor's Designated Official Representative)

7-30-14

(Date)

**U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION
EQUIPMENT/CONSTRUCTION CONTRACTS**

City of Orlando via Greater
Orlando Aviation Authority

(Sponsor)

Orlando Executive Airport

(Airport)

3-12-0058-XXX-2014

(Project Number)

Description of Work:

BP-041, OEA Rehabilitation of Taxiways - Phase 1

Rehabilitation of existing asphalt pavement (i.e., mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B at the Orlando Executive Airport. The scope also includes the reconstruction and realignment of Taxiway E6 and associated grating.

Title 49, United States Code (USC), section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General standards for equipment and construction contracts within Federal grant programs are described in Title 49, Code of Federal Regulations (CFR), Part 18.36. AIP standards are generally described in FAA Advisory Circular (AC) 150/5100-6, Labor Requirements for the Airport Improvement Program, AC 150/5100-15, Civil Rights Requirements for the Airport Improvement Program, and AC 150/5100-16, Airport Improvement Program Grant Assurance One--General Federal Requirements. Sponsors may use State and local procedures provided procurements conform to these Federal standards.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standards.

	Yes	No	N/A
1. A code or standard of conduct <u>is</u> (will be) in effect governing the performance of the sponsor's officers, employees, or agents in soliciting and awarding procurement contracts.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Qualified personnel <u>are</u> (will be) engaged to perform contract administration, engineering supervision, construction inspection, and testing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The procurement <u>was</u> (will be) publicly advertised using the competitive sealed bid method of procurement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. The bid solicitation clearly and accurately <u>describes</u> (will describe):			
a. The current Federal wage rate determination for all construction projects, and	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. All other requirements of the equipment and/or services to be provided.			

	Yes	No	N/A
5. Concurrence <u>was</u> (will be) obtained from FAA prior to contract award under any of the following circumstances:			
a. Only one qualified person/firm submits a responsive bid,			
b. The contract is to be awarded to other than the lowest responsible bidder,	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Life cycle costing is a factor in selecting the lowest responsive bidder, or			
d. Proposed contract prices are more than 10 percent over the sponsor's cost estimate.			
6. All contracts exceeding \$100,000 <u>require</u> (will require) the following provisions:			
a. A bid guarantee of 5 percent, a performance bond of 100 percent, and a payment bond of 100 percent;			
b. Conditions specifying administrative, contractual, and legal remedies, including contract termination, for those instances in which contractors violate or breach contract terms; and	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Compliance with applicable standards and requirements issued under Section 306 of the Clean Air Act (42 USC 1857(h)), Section 508 of the Clean Water Act (33 USC 1368), and Executive Order 11738.			
7. All construction contracts <u>contain</u> (will contain) provisions for:			
a. Compliance with the Copeland "Anti-Kick Back" Act, and			
b. Preference given in the employment of labor (except in executive, administrative, and supervisory positions) to honorably discharged Vietnam era veterans and disabled veterans.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. All construction contracts exceeding \$2,000 <u>contain</u> (will contain) the following provisions:			
a. Compliance with the Davis-Bacon Act based on the current Federal wage rate determination; and	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Compliance with the Contract Work Hours and Safety Standards Act (40 USC 327-330), Sections 103 and 107.			
9. All construction contracts exceeding \$10,000 <u>contain</u> (will contain) appropriate clauses from 41 CFR Part 60 for compliance with Executive Orders 11246 and 11375 on Equal Employment Opportunity.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. All contracts and subcontracts <u>contain</u> (will contain) clauses required from Title VI of the Civil Rights Act and 49 CFR 23 and 49 CFR 26 for Disadvantaged Business Enterprises.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	N/A
11. Appropriate checks <u>have been</u> (will be) made to assure that contracts or subcontracts are not awarded to those individuals or firms suspended, debarred, or voluntarily excluded from doing business with any U.S. Department of Transportation (DOT) element and appearing on the DOT Unified List.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I certify, for the project identified herein, responses to the forgoing items are accurate as marked and have prepared documentation attached hereto for any item marked "no" that is correct and complete.

City of Orlando via Greater Orlando Aviation Authority

(Name of Sponsor)


(Signature of Sponsor's Designated Official Representative)

Stanley J. Thornton

(Typed Name of Sponsor's Designated Official Representative)

Chief Operating Officer

(Typed Title of Sponsor's Designated Official Representative)

7-30-14

(Date)

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
AIRPORT IMPROVEMENT PROGRAM
SPONSOR CERTIFICATION
DRUG-FREE WORKPLACE

City of Orlando via Greater
Orlando Aviation Authority

(Sponsor)

Orlando Executive Airport

(Airport)

3-12-0058-XXX-2014

(Project Number)

Description of Work:

BP-041, OEA Rehabilitation of Taxiways - Phase 1

Rehabilitation of existing asphalt pavement (i.e., mill/overlay and full depth pavement widening), lighting, signage, and markings for Taxiway E and portions of Taxiways E, E4, E5, A, and B at the Orlando Executive Airport. The scope also includes the reconstruction and realignment of Taxiway E6 and associated grating.

Title 49, United States Code, section 47105(d), authorizes the Secretary to require certification from the sponsor that it will comply with the statutory and administrative requirements in carrying out a project under the Airport Improvement Program (AIP). General requirements on the drug-free workplace within Federal grant programs are described in Title 49, Code of Federal Regulations, Part 29. Sponsors are required to certify they will be, or will continue to provide, a drug-free workplace in accordance with the regulation. The AIP project grant agreement contains specific assurances on the Drug-Free Workplace Act of 1988.

Except for the certified items below marked not applicable (N/A), the list includes major requirements for this aspect of project implementation, although it is not comprehensive, nor does it relieve the sponsor from fully complying with all applicable statutory and administrative standards.

	Yes	No	N/A
1. A statement <u>has been</u> (will be) published notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the sponsor's workplace, and specifying the actions to be taken against employees for violation of such prohibition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. An ongoing drug-free awareness program <u>has been</u> (will be) established to inform employees about:			
a. The dangers of drug abuse in the workplace;			
b. The sponsor's policy of maintaining a drug-free workplace;	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Any available drug counseling, rehabilitation, and employee assistance programs; and			
d. The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace.			
3. Each employee to be engaged in the performance of the work <u>has been</u> (will be) given a copy of the statement required within item 1 above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Employees <u>have been</u> (will be) notified in the statement required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Yes	No	N/A
by item 1 above that, as a condition employment under the grant, the employee will:			
a. Abide by the terms of the statement; and			
b. Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction.			
5. The FAA will be notified in writing within ten calendar days after receiving notice under item 4b above from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title of the employee, to the FAA. Notices shall include the project number of each affected grant.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. One of the following actions will be taken within 30 calendar days of receiving a notice under item 4b above with respect to any employee who is so convicted:			
a. Take appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Require such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency.			
7. A good faith effort will be made to continue to maintain a drug-free workplace through implementation of items 1 through 6 above.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I have prepared documentation attached hereto with site(s) for performance of work (street address, city, county, state, zip code). There are no such workplaces that are not identified in the attachment. I have prepared additional documentation for any above items marked "no" and attached it hereto. I certify that, for the project identified herein, responses to the forgoing items are accurate as marked and attachments are correct and complete.

City of Orlando via Greater Orlando Aviation Authority

(Name of Sponsor)


(Signature of Sponsor's Designated Official Representative)

Stanley J. Thornton

(Typed Name of Sponsor's Designated Official Representative)

Chief Operating Officer

(Typed Title of Sponsor's Designated Official Representative)

7-30-14
(Date)

OBJECTIVE To provide a safer, more efficient and drug-free workplace.

**METHOD OF
OPERATION**

Policy The Greater Orlando Aviation Authority intends to provide a drug-free workplace. Pursuant to that goal, the following actions are taken:

- All employees will be notified that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance by an employee on any of the Authority's premises or facilities, or while in any GOAA vehicle, is strictly prohibited. (For purposes of this statement of policy, the term "controlled substance" means a controlled substance in schedules I through V of the federal Controlled Substance Act, 21 U.S.C.812, and as further defined by federal regulations 21 C.F.R. 1308.11 through 1308.15.)
- A Drug-Free Awareness Program is adopted as more particularly set forth in GOAA Policy and Procedure Manual, Section 209.07, Drug-Free Awareness Program.
- Each employee will receive a copy of this Statement of Policy.

**Condition of
Employment** As a condition of employment with the Authority, all employees must:

- abide by the terms of this Drug-Free Workplace Policy,
- notify the Authority in writing no later than five (5) calendar days after any criminal drug statute conviction for a violation occurring in the workplace.

The Authority will notify the Federal Aviation Administration in writing within ten (10) calendar days of its actual notice of any such conviction of any employee.

**Violation of
Drug-Free
Workplace
Policy** Violation of the Authority's Drug-Free Workplace Policy will result in disciplinary action ranging from suspension without pay to termination of employment, or required participation in a drug abuse assistance or rehabilitation program, as may be

determined pursuant to the Authority's Policy and Procedure Manual, Section 204.02, Allegations of Misconduct.

**APPROVAL AND
UPDATE HISTORY**

**Format and
Re-numbering
Approval**

Authority Board: August 29, 1991 (4R)

Last Approval

Executive Director: August 22, 2013

Supersedes

All Previous

OBJECTIVE Communicate Drug-Free Awareness Program

**METHOD OF
OPERATION**

Policy The Greater Orlando Aviation Authority adopts this "Drug-Free Awareness Program" to educate employees about drug abuse and to promote the well-being of all Authority employees. The Department of Human Resources is responsible for developing procedures and for implementing this program and will inform Authority employees about:

- the dangers of drug abuse in the workplace through available means such as bulletin board displays, handouts, envelope stuffers, and other means
- the requirement of the Authority's "Drug-Free Workplace Policy" and "Substance Abuse Policy"
- available drug counseling, rehabilitation, and employee assistance programs
- the penalties that may be imposed on them for drug abuse violations occurring in the workplace.

Procedure The Director of Human Resources will:

- require that a copy of the "Drug-Free Workplace Policy" and Substance Abuse Policy be distributed to all employees,
- provide training programs for all supervisory personnel to teach managers and supervisors how to recognize employees drug use symptoms,
- notify the Federal Aviation Administration in writing within ten (10) calendar days of receiving notice of an employee's conviction for a violation of a drug statute that occurred in the workplace.

**APPROVAL AND
UPDATE HISTORY**

**Format and
Re-numbering
Approval** Authority Board: August 28, 1991 (4R)

Last Approval Executive Director: August 22, 2013

Supersedes All Previous